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RECORD OF THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL • MARCH 84

School of Dentistry



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**RECORD OF  
THE UNIVERSITY OF NORTH CAROLINA  
AT CHAPEL HILL**

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**THE ONE HUNDRED AND  
NINETIETH SESSION**

**THE SCHOOL OF DENTISTRY**

Announcements for the Session  
1984-1985

**TABLE OF  
CONTENTS**

THE UNIVERSITY OF NORTH CAROLINA	
Administration .....	3
General Statement .....	3
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	
Administration .....	4
THE SCHOOL OF DENTISTRY	
Administrative Officers .....	4
STUDENT INFORMATION	
General University Regulations and Policies .....	7
The School of Dentistry .....	9
TUITION AND OTHER FEES	
Residence Status for Tuition Purposes .....	16
Housing .....	18
Financial Assistance .....	18
DENTAL CURRICULUM .....	22
GRADUATE PROGRAMS .....	26
DENTAL AUXILIARY PROGRAMS .....	28
Dental Hygiene .....	28
Dental Auxiliary Teacher Education .....	32
Dental Assisting .....	33
ACADEMIC PROCEDURES .....	34
FACULTY .....	36
APPENDIX A .....	53
APPENDIX B .....	57
CALENDAR OF EVENTS .....	Inside Back Cover

**THE UNIVERSITY  
OF NORTH  
CAROLINA  
Sixteen Constituent  
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Academic Affairs*

**History of the  
University**

The University of North Carolina is comprised of all the public institu-  
tions of higher education in North Carolina that confer degrees at the  
baccalaureate level or higher. The University was authorized by the  
State Constitution in 1776, and it was chartered in 1789 by the Gener-  
al Assembly.

The University of North Carolina opened its doors to students at  
Chapel Hill in 1795. Thereafter, beginning in the latter part of the  
nineteenth century, the General Assembly of North Carolina has es-  
tablished and supported fifteen other public senior institutions in  
keeping with Article IX, Section 8, of the Constitution of North Caroli-  
na which provides that the "General Assembly shall remain a public  
system of higher education, comprising The University of North Caro-  
lina and such other institutions of higher education as the General  
Assembly may deem wise."

By 1969 The University of North Carolina included six constituent  
institutions, governed by a single Board of Trustees. This multi-cam-  
pus University had its beginnings in legislation enacted in 1931 that  
defined The University of North Carolina to include The University of  
North Carolina at Chapel Hill, North Carolina State University at Ra-  
leigh, and The University of North Carolina at Greensboro. In the  
1960's three additional campuses were added: The University of

North Carolina at Charlotte, The University of North Carolina at Asheville, and The University of North Carolina at Wilmington.

Beginning in 1877, the General Assembly of North Carolina established or acquired ten additional separately governed state-supported senior institutions of higher education. They are: Appalachian State University, East Carolina University, Elizabeth City State University, Fayetteville State University, North Carolina Agricultural and Technical State University, North Carolina Central University, North Carolina School of the Arts, Pembroke State University, Western Carolina University, and Winston-Salem University. Then, in 1971, the General Assembly redefined The University of North Carolina, and under the terms of that legislation all sixteen public senior institutions became constituent institutions of The University of North Carolina.

The constitutionally authorized Board of Trustees of the six-campus University of North Carolina was designated the Board of Governors and this body is by law The University of North Carolina. The Board of Governors consists of thirty-two members elected by the General Assembly, and it is charged with "the general determination, control, supervision, management, and the governance of all affairs of the constituent institutions." The chief executive officer of the University is the President.

Each constituent institution of the University has its own faculty and student body. The chief administrative officer of each institution is the chancellor, and the chancellors are responsible to the President.

Each constituent institution also has a board of trustees composed of thirteen members: eight elected by the Board of Governors, four appointed by the Governor, and the elected president of the student body *ex officio*. (The School of the Arts has two additional *ex officio* trustees.) The principal powers of these institutional boards are exercised under a delegation of authority from the Board of Governors.

### THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Christopher Columbus Fordham III, M.D., *Chancellor*

Susan Haughton Ehringhaus, J.D., *Assistant to the Chancellor*

Douglass Hunt, LL.B., *Special Assistant to the Chancellor*

Claiborne Stribling Jones, Ph.D., *Special Assistant to the Chancellor*

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Donald Arthur Boulton, Ed.D., *Vice Chancellor and Dean of Student Affairs*

<sup>2</sup>Howard Garland Hershey, Jr., D.D.S., *Vice Chancellor, Health Affairs*

George Philip Manire, Ph.D., *Vice Chancellor and Dean of the Graduate School*

John Charles Morrow III, Ph.D., *Provost*

John Douglas Swofford, M.Ed., *Director of Athletics*

Rollie Tillman, Jr., D.B.A., *Vice Chancellor, University Relations*

Harold Gene Wallace, M.Div., *Vice Chancellor, University Affairs*

Farris Wade Womack, Ed.D., *Vice Chancellor, Business and Finance*

1. Effective November 1, 1983.

2. Effective November 14, 1983.

### THE SCHOOL OF DENTISTRY

Ben D. Barker, B.S., D.D.S., M.Ed., *Dean*

J. Bernard Machen, D.D.S., M.A.T., M.S., Ph.D., *Associate Dean*

Frank Webb McCracken III, B.S., D.D.S., *Assistant Dean for Administration*

James W. Bawden, D.D.S., M.S., Ph.D., *Acting Assistant Dean for Research*

Daniel Allan Shugars, B.S., D.D.S., Ph.D., *Assistant Dean for Predoctoral Education*

Kenneth N. May, Jr., B.A., D.D.S., *Director of Admissions and Student Affairs*

**Administrative  
Board**

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R. Gary Rozier  
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Eugene S. Sandler, D.D.S., M.Sc.D.  
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Derek T. Turner

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Chairman  
Committee**

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Frank Webb McCracken III, B.S., D.D.S., *Assistant Dean for Administration*  
James W. Bawden, D.D.S., M.S., Ph.D., *Acting Assistant Dean for Research*  
Daniel Allan Shugars, B.S., D.D.S., Ph.D., *Assistant Dean for Predoctoral Education*  
Kenneth N. May, Jr., B.A., D.D.S., *Director of Admissions and Student Affairs*  
Edward H. O'Neil, B.A., M.A., M.P.A., *Director Office of Institutional and Professional Relations*  
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Matthew Thomas Wood, A.B., D.D.S., M.S., *Chairman, Department of Removable Prosthodontics*  
Ernest Jefferson Burkes, Jr., B.S., D.D.S., M.S., *Chairman, Department of Oral Diagnosis*  
Luther Hill Hutchens, Jr., B.S., D.D.S., M.S., *Chairman, Department of Periodontics*  
William Robert Proffit, B.S., D.D.S., M.S., Ph.D., *Chairman, Department of Orthodontics*  
Theodore Richard Oldenburg, D.D.S., M.S., *Chairman, Department of Pedodontics*  
Robert Jack Shankle, D.D.S., *Acting Chairman, Department of Endodontics*  
Theodore Milton Roberson, B.S., D.D.S., *Chairman, Department of Operative Dentistry*  
Roger Evans Barton, D.D.S., *Acting Chairman, Department of Dental Ecology*  
David Lee Koth, D.D.S., M.S., *Chairman, Department of Fixed Prosthodontics*

**Committees on  
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Kathleen Ellegood Morr, B.Sc., M.S., (D.H. Ed.)  
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Stanley Louis Fleming, D.D.S., M.S.  
Marvin Jerrold Block, B.S., D.D.S., M.P.H.  
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Duane A. Dreyer, B.S., Ph.D.  
Samuel Rudd, B.S., D.D.S.  
Diane D. Dilley, D.D.S.  
Daniel Allan Shugars, B.S., D.D.S., Ph.D.

**ADMINISTRATIVE  
OFFICERS AND  
DEPARTMENT  
CHAIRMEN**

Dr. Ben D. Barker  
**Dean**



Dr. J. B. Machen  
**Associate Dean**  
Dr. F. W. McCracken III  
**Asst. Dean—Administration**  
Dr. D. A. Shugars  
**Asst. Dean—Predoc. Ed.**  
Dr. K. N. May, Jr.  
**Dir., Admissions &  
Student Affairs**



Dr. J. W. Bawden  
**Acting Asst. Dean for Research**  
Mr. E. H. O'Neil  
**Dir., Inst. &  
Professional Relations**  
Dr. R. D. Baker  
**Chair. Oral Surgery**  
Dr. R. E. Barton  
**Act. Chair. Dental Ecology<sup>1</sup>**



Dr. E. J. Burkes, Jr.  
**Chair. Oral Diagnosis**  
Dr. L. H. Hutchens, Jr.  
**Chair. Periodontics**  
Dr. D. L. Koth  
**Chair. Fixed Pros.**  
Dr. T. R. Oldenburg  
**Chair. Pedodontics**



Dr. W. R. Proffit  
**Chair. Orthodontics**  
Dr. T. M. Roberson  
**Chair. Oper. Dent.**  
Dr. R. J. Shankle  
**Act. Chair. Endodontics**  
Dr. M. T. Wood  
**Chair. Removable Pros.**



1. Dr. Donald Warren, Chairman of Dental Ecology, is on leave July 1, 1983-June 30, 1984.

## **INFORMATION PERTAINING TO THE UNIVERSITY**

The University of North Carolina at Chapel Hill is located in the beautiful Piedmont section of hills and forests, near the center of the State, and is surrounded with an environment of natural beauty, simple culture, and traditions. It has the honor of being the first State university in America.

The campus is widely regarded as one of the most picturesque and historic of the major universities, and the mild climate permits virtual year-round enjoyment of the surroundings. The Carolina beaches and the Blue Ridge Mountains are only a few hours drive from Chapel Hill, providing opportunity for scenic relaxation.

## **Division of Health Sciences**

The Division of Health Sciences, which includes the schools of Dentistry, Medicine, Nursing, Pharmacy, and Public Health, has as its major responsibility the education of personnel to protect and restore the health of the people — primarily the people of North Carolina. While each school exists as an autonomous unit, the program is well coordinated under the immediate administration of the Vice Chancellor for the Health Sciences. Accordingly, there are many advantages which accrue for each of the schools, such as a more adequate staff, more complete facilities, and combined efforts in teaching and research. Basic science departments, for example, assume the responsibility for teaching students of the several schools. Dentistry assumes a full partnership role in the total programs of the Division.

In addition, and to supplement and strengthen these activities, there is a Health Sciences Library and mission-oriented Institutes and Centers which carry out interdisciplinary research, education, and service activities. These are: Center for Alcohol Studies, Carolina Population Center, Child Development Institute, Institute for Environmental Studies, Dental Research Center, Health Services Research Center, and Institute for Speech and Hearing Services.

There are also three staff units which provide special coordinating and leadership functions for the Division. These are: Office of Allied Health Sciences, Office of Continuing Education for Health Sciences, and a Social Research Section.

## **Libraries**

The Health Sciences Library, centrally located among the Health Sciences Schools, has an excellent collection consisting of over 192,651 volumes and 3,700 current serial titles. It is the primary library for The University of North Carolina Schools of Dentistry, Medicine, Nursing, Pharmacy, Public Health and The North Carolina Memorial Hospital. It serves as well the health information needs of the entire University at Chapel Hill and health personnel throughout the State. The library has over fifty professional and support staff trained to serve library users. A wide range of information services is offered including automated information services, with access to a number of online data bases, such as MEDLINE and TOXLINE. Information services librarians also provide a variety of opportunities for individual and group instruction in the use of the library's resources. A three-story addition to the library provides seating for over 700 users, a stack capacity for 263,000 volumes, and a large audiovisuals center.

The University Library, with a collection in excess of 2,500,000 volumes, is also available to the student body and faculty. In addition, the Health Sciences Library can obtain materials on interlibrary loan from other libraries to answer the information needs of faculty, staff, and students.

## **Hospital Facilities**

The North Carolina Memorial Hospital was opened in September of 1952 to serve the people of North Carolina as a major referral and teaching hospital for the State.

Located on the campus of The University of North Carolina at Chapel Hill, the Hospital serves as the environment in which many of the students from the five schools of the Health Sciences receive their clinical instruction.

The North Carolina Memorial Hospital has a capacity of more than 630 beds. The Hospital is accredited for residence programs in Family Medicine, Medicine, Anesthesiology, Dermatology, Obstetrics and Gynecology, Ophthalmology, Psychiatry, Radiology, Pathology, Pediatrics, Surgery, Dentistry, and other surgical and medical specialties.

**Health and Recreation**

The health of the student community is provided for by the infirmary staff of well-trained physicians and nurses. The University gymnasium and large athletic fields offer ample facilities for exercise and recreation, all under the supervision and direction of a well-organized Department of Physical Education.

**GENERAL UNIVERSITY REGULATIONS AND POLICIES**

The University of North Carolina at Chapel Hill is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, sex, age, or handicap. Such discrimination is also prohibited by federal law. Any complaints alleging failure of this institution to follow this policy should be brought to the attention of the assistant to the Chancellor. The University of North Carolina at Chapel Hill is open to people of all races and actively seeks to promote racial integration by recruiting and enrolling a larger number of black students.

The student body of the University is self-governing. The functions of this government are both disciplinary and constructive. Persons enrolled in the School of Dentistry are regarded as members of the student body of The University of North Carolina at Chapel Hill, and are held responsible for conducting themselves in conformity with the moral and legal restraints found in any law-abiding community. They are, moreover, subject to the regulations of the student government under the Honor Code and the Campus Code. (Information on these may be found in the Undergraduate Bulletin Issue of the University Record.) The dental student body has its own honor court which functions within the framework of the University Student Government.

**Alcoholic Beverages**

The University will establish no policy or regulation that sanctions either the use of alcoholic beverages or any action which contravenes State or Federal law regarding their purchase or consumption. The University discourages the drinking of alcoholic beverages, drunkenness, and other abuses of alcoholic beverages. Being under the influence of alcohol is considered a serious breach of conduct, and students who violate these standards are subject to appropriate disciplinary action.

**Automobile Regulations**

Every student at the University who owns and/or operates an automobile or other motor vehicle in or around Chapel Hill is required by University regulations to register it with the Traffic Office, and to secure and display on the car a sticker indicating that he is a student at the University. Motor vehicle registration is made each school year during the academic registration procedure. Motor vehicles acquired after the time of enrollment must be registered at the Traffic Office within forty-eight hours after the time of acquisition. A motor vehicle registration sticker is for registration purposes only and should not be construed as a parking permit. In no sense does the sticker guarantee the student a parking space. However, students in residence halls may have a reasonable expectation of finding a parking space within the zone in which their registration sticker is valid.

A complete set of rules and regulations governing parking and traffic will be furnished to each student at the time of the registration of his motor vehicle.

**Commercial Activities**

Selling or soliciting by any person (private citizen or student), firm or corporation on the campus of the University is prohibited.

**Drugs**

The illicit and improper use of certain drugs (for example cannabis, amphetamines, barbiturates, opiates, and hallucinogenic drugs) is incompatible with personal welfare and the pursuit of academic excellence and will not be tolerated by the University. Furthermore, the illicit possession or transfer of these drugs is a State and/or Federal offense and the University will cooperate fully with appropriate authorities in the enforcement of the law.

**Honor Code**

In situations where a question of honesty is involved, consideration of the case may be undertaken by the School's Honor Council or the administration, depending on the circumstances. Breaches of honesty relating to the academic program are clearly within the purview of the Honor Council. The School's administration will assume responsibility only after it is established that the case does not come under the jurisdiction of the Honor Council.

It shall be the responsibility of every student at The University of North Carolina at Chapel Hill to obey and to support the enforcement of the Honor Code, which prohibits lying, cheating, or stealing when these actions involve academic processes or University, student, or academic personnel acting in an official capacity.

**The Campus Code**

It shall be the further responsibility of every student to abide by the Campus Code; namely, to conduct oneself so as not to impair significantly the welfare or the educational opportunities of others in the University community.

**Withdrawals**

Formal withdrawal, which is prerequisite to honorable dismissal or re-entrance to this institution, must be approved by the student's dean. Such a withdrawal will be approved only after full investigation of the circumstances and after the lapse of twenty-four hours from the time the application is first filed with the dean.

If a student withdraws after the midterm and is reported as below passing in two or more courses, that semester will be counted as a semester in residence in all computations of his requirements for readmission. If a student withdraws before midterm, it will be left to the discretion of the dean as to whether or not that semester is to be counted as a semester in residence. The dean's verdict will be indicated specifically on the form used for withdrawal.

**THE SCHOOL OF DENTISTRY**

**History and Description**

The University of North Carolina School of Dentistry is recognized as one of the outstanding institutions of its type in the world. It serves to improve the health and welfare of mankind, and particularly for the people of North Carolina through excellent programs in education, research, and service. Graduates of the School have demonstrated their sound education and preparation in all phases of dental practice, graduate training, research, service in the Armed Forces and Public Health Service, teaching, performances on state and national board examinations. The Administration and Faculty look to the future as programs are adopted to meet the changing patterns of society, the profession, and scientific advances. The role of leadership is accepted eagerly and is based on carefully planned progress, innovative approaches to professional education, and a constant basic concern for the student, his experience, and his well-being.

The North Carolina General Assembly of 1949 made possible activation of the first School of Dentistry in the State. The first class was admitted in the fall of 1950, although the dental building was not occupied until September 1952. The 52,000 square foot structure is designed for efficient and up-to-date instruction in dental education.

In June of 1967 the Dental Research Center was completed and occupied. The four-story 44,000 square foot structure provides the most outstanding dental research facility to be found associated with dental education in this country. It offers the faculty and students with unusual opportunity for exciting experience in research in a wide variety of projects. The Center is currently designated as one of five Regional Dental Research Centers funded by the National Institutes of Health.

On September 1, 1967, construction began on a major addition to the teaching and clinical facilities of the School of Dentistry. The new Brauer Hall is a five-story, 110,000 square foot structure and houses the most modern facilities for instruction and clinical experience for students in the School. Major renovations of the original dental building are being carried out as well. Brauer Hall was completed in the fall of 1969 and renovations of the original building will be sequenced over the next several years.

A three-story Office Building for dental faculty, staff, and students provides offices, conference/seminar rooms, student locker spaces, a student lounge area, and office space for the Spurgeon Student Dental Society.

The eight-story Berryhill Basic Medical Science Building, occupied in 1971, houses basic science teaching facilities for medical and dental students. The structure contains well-equipped lecture rooms and multidisciplinary laboratories. The Division of Laboratory Animal Medicine is also housed in this facility. The Preclinical Educational Building, completed in 1973, houses laboratory and office space as well as the hospital cafeteria and the Caduceus Bookstore. The Clinical Sciences Building, occupied in late 1975, contains office and research facilities for the basic science departments. Additional laboratory and office space is provided in the Faculty Laboratory and Office Building, completed in 1978.

All buildings in the School of Dentistry — School of Medicine — North Carolina Memorial Hospital complex are interconnecting and serve as a functional unit.

Dentistry at The University of North Carolina has been given an outstanding opportunity to make a contribution to the health sciences in its close working relationship with medicine, The North Carolina Memorial Hospital, and the other schools of the Division. Students of dentistry and medicine attend comparable basic science courses, and they are required to meet equally high academic standards in all areas.

The University of North Carolina School of Dentistry is committed to providing for diverse student populations in each of the dental school programs. It is the policy of the school and University not to discriminate on the basis of race, color, national origin, religion, sex, age, or handicap with regard to its students, employees, or applicants for admission or employment.

Seventy-nine dental students are admitted to the school each year. While priority in selection of students is given to residents of the State, consideration also is given to nonresidents.

The School offers graduate specialty training in eight disciplines. These are excellent opportunities for graduate students to gain outstanding experience in various fields of research.

A four-year curriculum for the training of dental hygienists has been in operation since 1953. Those who have graduated from high school and are interested in a career in dental hygiene are urged to seek further information regarding prerequisite courses. The four-year curriculum leads to a bachelor's degree.

A ten-month dental assistant course is also offered by the School and is open to high school graduates.

The School has initiated a unique program for the training of teachers for dental auxiliary programs. This Dental Auxiliary Teacher Education (DATE) program is offered through a baccalaureate course of study which prepares dental hygienists, dental assistants, and dental laboratory technicians for teaching careers, especially in community colleges.

### **PREDOCTORAL (D.D.S.)**

#### **Admissions Preparation for the Study of Dentistry**

#### **Requirements for Admission**

Students preparing for the study of dentistry should spend as much time securing a well-rounded cultural education as their age and financial resources permit. If possible, they should complete the regular four-year course leading to the A.B. or B.S. degree.

At least three years of accredited college work (96 semester hours or 144 quarter hours) are required for admission. This period of study should include a minimum of 8 semester hours of general or inorganic chemistry; 8 semester hours of organic chemistry, which should include the application of quantitative separation and analytical spectroscopic techniques; 8 semester hours of biology or zoology; 8 semester hours of physics; and English — such knowledge as is ordinarily required of candidates for a degree in an approved college (usually the courses required of freshmen and sophomores). Recommended elective courses include cell biology, physiology, anatomy, and biochemistry. Applicants with an appropriate background (e.g. dental hygiene) can apply to substitute certain educational experiences for required predoctoral courses.

Because of the widening social sensitivity of the dental profession, students preparing for a career in Dentistry should take, in addition to the requirements in the sciences, as many courses as possible in social science, history, literature, economics, philosophy, and psychology. Courses in accounting and business would also be advisable. In addition applicants are strongly encouraged to spend time talking with and observing several dental practitioners.

There is not sufficient space in the dental school to admit all students who meet the quantitative standards. For this reason, the quality of the students' undergraduate work is of the greatest importance in selection for admission, as is their motivation to pursue a career in dentistry.

#### **Description of Required Science Courses**

The following course descriptions were drawn from the U.N.C. Undergraduate Bulletin. This should aid students attending a school other than The University of North Carolina at Chapel Hill in completing the required science courses.

#### **Chemistry**

- 11 General Descriptive Chemistry (3). Corequisite, Chemistry 11L. Three lecture hours a week.

- 11L Quantitative Chemistry Laboratory (1). Corequisite, Chemistry 11. One 3-hour laboratory a week.
- 21 General Descriptive Chemistry (3). Prerequisite, Chemistry 11; corequisite, Chemistry 21L. Three lecture hours a week.
- 21L Quantitative Chemistry Laboratory (1). Prerequisite, Chemistry 11; corequisite, Chemistry 21. Techniques for quantitative acid base redox, and complexometric titrimetry. Gravimetric analysis. Total salt ion exchange analysis. One 3-hour laboratory a week.
- 41 Modern Analytical Methods for Separation and Characterization (2). Prerequisite, Chemistry 21; corequisite, Chemistry 41L; prerequisite or corequisite, Chemistry 61 (2-hour course). The basic principles of chemical separations, including chromatography and electrophoresis, and an introduction to analytical spectroscopy (visible, ultraviolet, and infrared) from a quantitative and structural viewpoint. Two lecture hours a week. (Pre-dental students should take this course and 41L to satisfy the analytical requirements.)
- 41L Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds (2). Corequisite, Chemistry 41; prerequisite or corequisite, Chemistry 61. Applications of separation and spectroscopic techniques to organic compounds, including some of biological interest. Principles of chromatography and absorption spectroscopy; correlation of spectra with structure. (This laboratory serves as an organic chemistry laboratory for premedical and pre-dental students.) One 4-hour laboratory a week.
- 42 Modern Analytical Methods for Separation and Characterization (2). Prerequisite, Chemistry 41, 41L; corequisite, Chemistry 42L; prerequisite or corequisite, Chemistry 62 (2-hour course). Intermediate analytical spectroscopy (magnetic resonance and mass spectroscopy); principles of Nernstian electrochemistry; acid-base solvent concepts; analysis of kinetics and equilibria; radiochemical techniques. Two lecture hours a week.
- 42L Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds (2). Prerequisite or corequisite, Chemistry 62; corequisite, Chemistry 42. Applications and illustrations of modern analytical spectroscopic techniques; quantitative investigation of chemical properties through electrochemical; and newer titrimetric techniques (some preparative experience is included with these studies). (This course serves as an organic chemistry laboratory for premedical and pre-dental students.) One 4-hour laboratory a week.
- 61 Introduction to Organic Chemistry (2). Prerequisite, Chemistry 21. Molecular structure and its determination by modern physical methods, correlation between structure and reactivity and the theoretical basis for these relationships; classification of "reaction types" exhibited by organic molecules using as examples molecules of biological importance. Two lecture hours a week.
- 62 Introduction to Organic Chemistry (2). Prerequisite, Chemistry 61. Continuation of Chemistry 61, with particular emphasis on the chemical properties of organic molecules of biological importance. Two lecture hours a week.
- 11 Principles of Biology (4). No prerequisite; prerequisite to all other courses in biology.

## **Biology**

- 11L Principles, problems, and experimental methods of animal biology; basic similarities of all living organisms; organ systems and their physiology; embryology, genetics, organic evolution, ecology; survey of the major animal phyla. Three lecture and three laboratory hours a week.
- 45 Fundamentals of Human Anatomy and Physiology (3). Prerequisite, Biology 11, or two courses in biological science. Basic structure and function in the human body and their explanation by principles of embryology, history, heredity, and evolution. Three lecture hours a week.
- 63L Vertebrate Structure and Evolution Laboratory (1). Prerequisite or corequisite, Biology 45 or 103. Vertebrate comparative anatomy and organ systems and their evolution with emphasis on human anatomy. Three laboratory hours a week.

Recommended, although not required: Biology 62 and 62L.

### Physics

- 24 General Physics (4 each). Corequisite (for Physics 24),  
25 Mathematics 30, or equivalent. Three lecture and two laboratory hours a week.

### English

- 1, 2 Composition and Rhetoric (3 each)

### Dental Admission Test

All students must complete the Dental Admission Test, given by the Council on Dental Education of the American Dental Association, before receiving final consideration for admission to the School of Dentistry. This test is given in Chapel Hill as well as other locations in North Carolina and should be taken in April or October of the year prior to desired admission. Additional information regarding the test may be secured from the Office of Admissions, School of Dentistry.

### Personal Qualifications

While a high grade of scholarship and digital dexterity are important criteria for predicting satisfactory achievement in dental school, the personal qualifications of applicants are of the highest importance. Good moral character is an important prerequisite for entering the dental profession. No school wishes to train prospective dentists who lack either ethical standards or a sense of social responsibility.

### Selection Factors

The UNC School of Dentistry is committed to providing for a diverse student body. Individuals from different backgrounds, who have had different experiences, or who have the potential to contribute to some aspect of dentistry or dental practice may be strongly considered by the committee. Other important considerations include the applicant's motivation to pursue a dental career, the applicant's ability to communicate, and the applicant's prior involvement in extracurricular and community activities.

Each applicant who is considered to be competitive is invited to the school for a series of personal interviews with faculty and student members of the Admissions Committee. An evaluation from the interview is combined with the applicant's undergraduate record and performance on the Dental Admission Test to serve as a basis for the applicant's consideration for acceptance. All applicants are encouraged to submit any material relating to activities or experiences they feel may be beneficial to their consideration.

### Method of Making Application

All inquiries regarding admission should be addressed to the Director of Admissions, School of Dentistry, The University of North Carolina at Chapel Hill, Chapel Hill, NC 27514, from whom application forms may be obtained. Our school participates in the American Association of Dental Schools Application Service and applicants are required to file an AADSAS application as well as the School of Dentistry supple-

mentary application. Applicants are requested to send our School an application fee, letters of recommendation, DAT scores and official transcripts at the time of application.

The application deadline is December 1 and applications received after that date will not receive consideration for admission to the next year's class.

A personal interview with members of the Committee on Admissions is required unless a waiver is granted. This interview is by invitation only and it is scheduled after the application has been reviewed. However, the Director of Admissions is pleased to meet with an applicant, by appointment, to discuss his/her application. The Director is also pleased to meet with prospective applicants in order to provide guidance in preprofessional education.

**Deposit**

An applicant accepted for admission must deposit with the Cashier of the University a deposit of \$200.00 by February 1, or a number of days designated by the Committee on Admissions after that date. If the applicant presents himself for registration, the deposit will be credited to his account; otherwise, the deposit will be forfeited.

**Admission to  
Advanced Standing**

Candidates for admission to advanced standing will be considered on an individual basis, consistent with prior academic record and background.

**Bachelor of Science  
in Dentistry**

**Description**

If a student finds it impractical to take four years of undergraduate work leading to a bachelor's degree before beginning professional studies, it may be possible to complete a program leading to a B.S. in Dentistry. The University of North Carolina at Chapel Hill offers this degree to students who complete at least the last year of pre dental courses on this campus. Individuals attending other institutions should consult the pre dental adviser concerning this three year program.

**Students applying for admission after four years of undergraduate work will receive preference over those students applying for admission after only three years undergraduate work.** Three-year applicants must have excellent credentials in order to be competitive for admission.

Note: Students pursuing the academic subjects listed below should understand that completion of these courses does not necessarily assure admission to the School of Dentistry. From the rather long list of applicants are chosen those who are deemed the most promising for admission to this School. No arrangements exist for granting the degree of B.S. in Dentistry for work in any dental school other than this. Therefore, in order to secure the degree of B.S. in Dentistry, the student must complete the first year of work offered in the School of Dentistry and in no other such school. **To be eligible for the degree of B.S. in Dentistry, from The University of North Carolina at Chapel Hill, at least the last year of pre dental courses must have been taken on this campus.**

**TYPICAL ACADEMIC  
CURRICULUM FOR  
B.S. IN DENTISTRY**

Chemistry 11-11L-21-21L-41-41L-61-62-42-42L  
English 1-2  
Mathematics, 2 courses  
Divisional Electives, 3 Social Science

**General College**

Fine Arts Divisional Electives, 3 Humanities  
College Electives, 3  
Physical Education 1-2

**Third Year**

Physics 24-25  
Psychology 10  
Biology 11, 45 and 103L  
Electives, 4 courses in Nondivisional Electives

**TUITION AND OTHER FEES<sup>1,2</sup>  
Regular Session**

Students who are residents of North Carolina will be required to pay tuition and fees of \$805.50 per semester (\$1,611.00 per academic year, exclusive of the summer session). Nonresidents will be required to pay tuition and fees of \$2,024.50 per semester (\$4,049.00 per academic year, exclusive of the summer session). See statement regarding residence status for tuition payment in following section. Other fees are listed below:

**Estimated Expenses  
for First Year**

Tuition and Fees	\$1,965.50 <sup>1,2,4</sup>
Estimated Clinical Expenses	
Required Textbooks	630.00
Laboratory supplies and instruments	4,580.00
Professional liability coverage	15.00
<b>Total Estimated First-Year Expenses</b> (not including microscope)	approx. \$7,190.50

NOTE: Each student must provide himself with his own microscope, preferably a new one of standard manufacture, which must be complete with 16mm, 4mm, and oil immersion objectives and with 5x and 10x eyepiece. Current retail prices now range from \$465 up. If a student desires to use the older type microscope, it must be approved by the department concerned. Approved microscopes can be rented from the Medical Sciences Teaching Labs for \$50/per 9 months.

**Estimated Expenses  
for Second Year**

Tuition and Fees	\$1,965.50 <sup>1,2,4</sup>
Estimated Clinical Expenses	
Required Textbooks	370.00
Laboratory supplies and instruments	1,500.00
National Board Fee	40.00
Professional liability coverage	15.00
<b>Total Estimated Second-Year Expenses</b>	approx. \$3,890.50

**Estimated Expenses  
for Third Year**

Tuition and Fees	\$1,836.85 <sup>1,3,4</sup>
Estimated Clinical Expenses	
Required Textbooks	85.00
Laboratory supplies and instruments	123.00
Professional liability coverage	15.00
National Board Fee	55.00
<b>Total Estimated Third-Year Expenses</b>	approx. \$2,114.85 <sup>4</sup>

**Estimated Expenses  
for Fourth Year**

Tuition and Fees	\$1,611.00
Estimated Clinical Expenses	
Textbooks and laboratory manuals (varies with students)	
Cap and gown fee	23.00
State Board Fee	75.00
Professional liability coverage	15.00
<b>Total Estimated Fourth-Year Expenses</b>	approx. \$1,724.00

1. Tuition and fees are for N.C. residents and are subject to change. Fees include matriculation, professional library fee, student activities, student union fee, Spurgeon Dental Society, instructional supplies, and dental equipment usage fee.

2. The first and second year curriculum will extend through an eight-week summer semester. Tuition and fees for this summer session are \$354.50 for N.C. residents and \$1,004.50 for nonresidents.

3. Total reflects tuition and fees for the five-week summer session: \$225.85 for N.C. residents and \$632.85 for nonresidents.

4. Additional costs of approximately \$300.00 may be anticipated to include parking, dues for professional organizations and fraternities, medical insurance, laundry, transportation, etc., depending upon the individual case.

## REGISTRATION AND PAYMENT OF BILLS

Students are expected to report for registration and orientation at the designated time and are required to pay all tuition, fees and other University financial obligations by the first day of class each semester or summer session. Students who have not settled these outstanding balances by the beginning of the succeeding semester will not be permitted to register, attend classes or participate in clinics until obligations are paid.

As required under State law, any student who has an unpaid account for the current semester or previous terms cannot be allowed to preregister or register for any term or semester until the account has been paid in full.

Tuition and fees are due at registration. Accounts not paid in full by the last day of registration are subject to a late payment fee and the student's possible disenrollment. To avoid the inconvenience of standing in line to make your payment, it is recommended that payment be made by check and mailed to the University Cashier, 103 Bynum Hall 008A, Chapel Hill, North Carolina 27514. Show your full name and social security number on all payments. Make checks payable to The University of North Carolina.

A student withdrawing within the first week of any semester is charged only an administrative charge. If he withdraws after the first week, his bill will be prorated on the basis of one-tenth for each week (or part of a week) he attends. No refund will be made after the ninth week of any regular semester or the third week of a summer semester.

### Residence Status for Tuition Purposes<sup>5</sup>

The following sections summarize important aspects of the residency law. A complete explanation of the Statute and the procedures under the Statute is contained in *A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of Student Residence Classification for Tuition Purposes*. This *Manual* and other information concerning the application of this law are available for inspection in the Admissions Offices of the University. Copies of the *Manual* are also on reserve at the Robert B. House Undergraduate Library.

All students are responsible for knowledge of the contents of the Statute and the *Manual*.

**General.** Every applicant for admission is required to make a statement as to his or her length of residence in North Carolina. The tuition charge for legal residents of North Carolina is less than for nonresidents. To qualify for in-state tuition, a legal resident must have maintained his or her domicile in North Carolina for at least twelve months immediately prior to the beginning of the term for which classification as a resident for tuition purposes is sought. The student must also establish that his or her presence in the State during such twelve-month period was for purposes of maintaining a bona fide domicile rather than for purposes of mere temporary residence incident to enrollment in an institution of higher education. A student seeking classification as a resident for tuition purposes must complete an application for resident status (obtainable at his or her admissions office) and return it to the proper admissions office before the end of the term for which resident status for tuition purposes is sought. The last day of the final examination period is considered the last day of

5. The information in this section comes from three sources: (i) North Carolina General Statutes, Sec. 116-143.1. (ii) *A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of Student Residence Classification for Tuition Purposes*. Revised September 1983. (iii) Chancellor's Rules and Procedures for Residence Classification of Students for Tuition Purposes.

the term. Every student must be classified either resident or nonresident before enrolling. Unless the student supplies enough information to allow the admissions officer to classify the student as a resident for tuition purposes, the student will be classified a nonresident for tuition purposes.

When an enrolled student has applied to be classified as a resident for tuition purposes and receives an institutional request for more information in connection with that application before the end of the term for which classification is sought, the student must respond to that request no later than three weeks after the end of the term. If the student does not receive the request for supplemental information until after the end of the term in question, he or she must supply the requested information within three weeks of receipt of the request. Failure to supply the requested information within the specified time limit will result in a continuation of the student's "nonresident" classification unless good cause is shown for such failure.

**Domicile.** Domicile means one's permanent dwelling place of indefinite duration, as distinguished from a temporary place of abode; synonymous with "legal residence." (For additional information on Residence Classifications see Appendix A, page 53.)

The University of North Carolina at Chapel Hill has routinely made public certain information about its students. Some typical ways this has been done include the following: names of students who are selected by the various honorary societies, who receive scholarships, who make the Dean's List, who hold offices, or who are members of athletic teams are frequently made public. To facilitate campus communication the University annually publishes the **Campus Directory**. Some professional and graduate school student groups publish directories of students in their departments or schools. The annual commencement program publishes the names of persons who have received degrees during the year.

The Family Education Rights and Privacy Act defines the term "directory information" to include the following categories of information: the student's name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational, agency or institution attended by the student. The University will make public information about each student **limited** to these categories in ways such as those described above. Of course, information from all these categories is not made public in every listing. The **Campus Directory**, for example, publishes only names, addresses and telephone numbers.

Under a special provision of the FERPA regulations, the University will also disclose personally identifiable information from the education records of a student, without the student's prior written consent, to officials of another school or school system in which the student seeks or intends to enroll.

Students who do not wish to have any or all "directory information" made public and who do not want information about them to be disclosed to other schools, as set forth above, without their prior consent must notify the Office of Records and Registration, The University of North Carolina at Chapel Hill, of this fact in a signed and dated statement specifying items that are not to be published. This notice must be received by the Office of Records and Registration by the end of the registration period for the semester or session of first enrollment or, after an absence, of reenrollment, and by the end of each fall registration period thereafter.

**NOTICE ON  
"DIRECTORY  
INFORMATION"  
TO ALL  
STUDENTS OF  
THE  
UNIVERSITY OF  
NORTH  
CAROLINA AT  
CHAPEL HILL**

## **HOUSING**

The primary objective of the Department of University Housing at Chapel Hill is to provide a physical and psychological atmosphere conducive to each and every student having opportunity to develop to the utmost his or her personality, ability, and sensitivity. The University provides residence hall accommodations for approximately 6,800 registered students — undergraduate, graduate, and professional men and women. Three hundred and six apartments are available for student family housing.

Information regarding residence hall accommodations is available by writing to: Department of University Housing, Contracts Office, Carr Building, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27514.

Information regarding student family housing is available by writing to: Manager, UNC Student Family Housing, Odum Village, Branson Street, Chapel Hill, North Carolina 27514.

### **Student Dining Facilities**

Dining facilities are operated in locations convenient to residence halls and meals are offered at reasonable rates.

### **Privately Owned Residence Hall Accommodations**

Some graduate students are housed in privately owned Granville Towers, located just off the UNC campus about one block from the Carolina Inn. The three towers of these supervised residence halls have a cafeteria dining commons. The fee charged includes room and board. All correspondence should be directed to the Granville Towers Business Office, University Square, Chapel Hill, North Carolina 27514.

## **SPURGEON DENTAL SOCIETY**

The Spurgeon Dental Society exists as the governing body for all students of the UNC-CH School of Dentistry. Named after the late Dr. J.S. Spurgeon, a prominent and outstanding dentist from Hillsborough, North Carolina, the Society holds weekly meetings in which elected representatives from each class of dental, dental hygiene, dental assisting, and dental auxiliary teacher education students discuss and plan the functions of student government. Several projects are carried out each year including social, academic, and scholastic events.

## **FINANCIAL ASSISTANCE**

Dental students who have real need are eligible for financial assistance via application to the Student Aid Office of the University. Students anticipating a need for assistance should complete a Financial Aid Form (FAF) and mail it to the College Scholarship Service prior to March 1. Financial Aid Forms are available from college financial aid offices or by requesting one from the UNC Student Aid Office. Students anticipating a need for assistance should also apply for a Guaranteed/Insured Student Loan. Applications can be obtained from lenders in your state of legal residence. Based on the approved need of the applicant, a loan or a combination loan and scholarship may be awarded from federal or university funds.

### **University Student Aid**

A financial aid counselor from the UNC Student Aid Office will present a brief session on financial aid when applicants visit the dental school for personal interviews.

Federal and University funds are awarded and administered in compliance with Title IX regulations pertaining to sex and without discrimination based on race.

See Appendix B for a listing of financial aid sources.

## **PREDOCTORAL ACADEMIC PROCEDURES**

### **General**

In publishing these regulations, the School of Dentistry does not recognize any implied contract as having validity beyond the succeeding academic year. The faculty reserves the right to make changes in curricula and in regulations when in its judgment such changes are for the best interest of the students and the School. Ordinarily a student may expect to receive a degree by meeting the requirements of the curriculum as specified in the catalog currently in force when they first enter the School, or in any one subsequent catalog published while they are a student; but the School of Dentistry is not obligated to fulfill the expectation or to offer in any particular year a course listed in the catalog.

### **Delayed Registration**

Any student registering later than the time appointed for registration must pay \$5.00 as an additional fee for delayed registration. No appeal from the late registration charge of \$5.00 will be granted, unless the delay results from circumstances clearly beyond the student's control. Such appeals must be made in writing to the Director of the Office of Records and Registration, show justification for the delay in registering, and must bear the approval of the Dean of the School of Dentistry.

### **Class Attendance**

The following legislation by the Faculty Council gives each instructor the authority to prescribe the attendance regulations for his/her class or classes:

"Regular class attendance is a student obligation, and a student is responsible for all the work, including tests and written work, of all class meetings. No right or privilege exists which permits a student to be absent from any given number of sessions.

If a student misses more classes than the instructor deems advisable, the instructor will report the facts to the Office of Academic Affairs for appropriate action.

The appearance of a student's name on the Infirmary list constitutes an excuse for the student for absences from classes or clinics during the period the student is in the infirmary. This list is circulated to the School of Dentistry and in case of doubt the instructor may check with the Office of Academic Affairs.

Students who are members of regularly organized and authorized school activities and who may be out of town taking part in some scheduled event are to be excused during the approved period of absence.

Absence from class for valid reasons are excused only by the instructor. If the student misses without excuse more classes than the instructor deems advisable, the instructor may request that the student's Dean drop him from the course with grade "F."

### **Final Examinations**

Final written examinations are required in all areas (exceptions, based upon the special types of work done in the course, must have advanced approval of the Office of Academic Affairs). A general schedule, published several weeks before the end of the semester, sets the time for each examination; and no final examination may be held at any time other than that specified in the general schedule which cannot be changed after it has been published. No special preparation quizzes may be given during the last six days of classes before the beginning of scheduled examinations.

A student who is absent from an examination is given a course grade of **Abs**, which is equivalent to **F**. When a student is unable, for reasons clearly beyond his control, to take a final examination at the scheduled time he can be excused only by the Student Health Service or the Office of Academic Affairs.

The final examination in any course may be taken only by regularly enrolled members of the class whose registration has been certified and by students certified to be eligible to take a special examination in that course. The certifying authority in this case is the Office of Pre-doctoral Education in consultation with the Office of Records and Registration.

Each student is required to sign a full and explicit pledge certifying that he has neither given nor received aid during the examination. The instructor will not report a grade for an unpledged paper.

Special examinations for officially excused absentees from regular examinations must be taken within the next academic period after the date of absence. Suitable times will be fixed by the instructors concerned.

### **Credit by Examination**

Students who have gained through independent study or experience knowledge of the content of courses offered by the School of Dentistry for credit may, with the approval of the department and the School of Dentistry, receive credit (without grade) for such courses by special examination. Such an examination must be taken before the beginning of course work scheduled for the student's class.

### **Grades**

For dental students the following definitions will be used for the assignment of grades:

- A-** Mastery of course content at the highest level of attainment that can reasonably be expected of students at a given stage of development. The **A** grade states clearly that the student has shown such outstanding promise in the aspect of the discipline under study that he/she may be strongly encouraged to continue.
- B-** Strong performance demonstrating a high level of attainment for a student at a given stage of development. The **B** grade states that the student has shown solid promise in the aspect of the discipline under study.
- C-** A totally acceptable performance demonstrating an adequate level of attainment for a student at a given stage of development. The **C** grade states that, while not yet showing unusual promise, the student may continue to study in the discipline with reasonable hope of intellectual development.
- D-** A marginal performance in the required exercises demonstrating a minimal passing level of attainment for a student at a given stage of development. The **D** grade states that the student has given no evidence of prospective growth in the discipline; an accumulation of **D** grades should be taken to mean that the student would be well advised not to continue in the academic field.
- F-** For whatever reasons, an unacceptable performance. The **F** grade indicates that the student's performance in the required exercises has revealed almost no understanding of the course content. A grade of **F** should warrant an adviser's questioning whether the student may suitably register for further study in the discipline before remedial work is undertaken.

Temporary grades of **Inc.** (work incomplete), and **Exc. Abs.** (excused absence) may be removed within one calendar year. The grades of **Inc.** and **Exc. Abs.** may be removed without restriction as to the grade assigned by the Instructor within a period of one calendar year.

An **excused absence or an incomplete** not removed within one calendar year automatically becomes an **F**. An **unexcused absence** may not be removed and is considered to be the grade of **F**.

### Academic and Clinical Performance

Awarding of the dental degree is contingent upon a student satisfactorily passing all work in the core curriculum and a minimum of 10 semester hours of elective course work.

**Final** course grades of **F** in any two courses that total at least 3 hours (including electives) within any one academic year will result in the student's dismissal from the School of Dentistry. Should these grades of **F** be received in courses completed before or at the end of the academic year, immediate withdrawal from the School is required. A student who receives a grade of **D** or below in more than one half of the current semester hours will be placed on probation for the subsequent academic term. Thus, academic probation is figured on the basis of **semester** grades for that semester. Probationary status must be removed in the following term to permit continued enrollment in the School of Dentistry. All failures in nonelective courses must be made up within one year of the time they occur.

A student with a grade of **Inc.** in any lecture, laboratory, or clinical course will not be eligible for graduation at the end of the final semester in residence.

The faculty further reserves the right to drop or recommend reclassification of a student in the School at the end of any semester provided he\* does not, in their judgment, show sufficient promise to justify their allowing him to continue the study of dentistry, regardless of his grades.

A student may be judged unacceptable for promotion or for continuation when he has displayed repeated lack of professionalism with respect to his patients, other students, and the faculty. These factors are equally as important as traditional academic standards in that they reflect his capacity to deliver a high standard of health service.

Students enrolled in the School of Dentistry should be attentive to the commonly accepted obligations of the dental profession with respect to humane and considerate treatment of patients. The student assumes major responsibility for those patients assigned to him, and lack of dedication in the treatment of these patients is unacceptable. Statements by the students, either written or verbal, which are inconsistent with the usual standards of professional health care and which reflect a poor attitude toward patients will not be condoned.

Grievances concerning course content, organization and structure of the curriculum, and presentation of instruction will be directed to the appropriate class adviser, faculty member, or administrative officers for hearing and consideration. It is not acceptable for a student to attempt to express himself on such matters through facetious response to any part of these instructional programs.

Students are encouraged to seek counseling from advisers, faculty and administrative officers on any problem which might be interfering with acceptable academic progress. Failure to seek such counseling and to establish communication on the matter with the School's administration will disqualify the circumstances as valid reason for poor academic performance or expression of attitudes which do not meet the generally accepted ethical standards of a health care profession.

\*The masculine pronoun as used in this section applies to either male or female students.

The academic status of each student is reviewed at the end of each term; all students other than those classified as seniors by Academic Performance Committee I, senior classification students by Academic Performance Committee II. These committees are charged with applying the foregoing academic regulations.

### Appeals

A student, after conference with the instructor concerned, may present in writing to the Dean of the School an appeal from a course grade or the decision of his Academic Performance Committee. No appeal may be made after the last day of classes of the next succeeding regular term. The Dean will refer the appeal to the Administrative Board of the School of Dentistry and the coordinator of the teaching area concerned. No change of grade or alteration of the Academic Performance Committee's decision will be made except as a result of the Administrative Board's decision which is final.

### Readmission

A student denied further enrollment by action of his Academic Performance Committee may be considered for readmission only when clearly exceptional circumstances can be documented to support a readmission request. Readmission requests will be considered by the Department Chairmen's Committee in the School of Dentistry.

### Counseling

A system of student counseling has been established to assist students with their academic and personal problems. Each class is assigned a faculty adviser who serves in that capacity throughout the four-year course of study. Every effort is made to detect and attempt to correct academic problems before they become serious. In addition, the entire faculty wishes to extend advice and assistance on a personal basis in order that students may successfully complete their requirements for graduation and gain the best possible experience in preparation for a career in dentistry.

### PREDOCTORAL (DDS) CURRICULUM

The course in dentistry leading to the DDS degree (Doctor of Dental Surgery) will usually require four years to complete (eight 15-week semesters plus two 8-week summer sessions following the first and second years and a 5-week summer session following the third year). The curriculum is so structured that it is possible to complete in three and one half years; academic problems, illness, or other extenuating circumstances may necessitate study beyond the usual four years.

The stated curricular goals of the D.D.S. curriculum are to produce:

1. dental practitioners who are fully qualified to enter general dental practice, educational programs in the various dental specialties, dental research, and/or teaching.
2. dental graduates willing to accept professional responsibilities in their communities, participate in professional activities, and actively pursue a lifetime of learning in order that they may deliver optimal treatment to their patients.

The DDS curriculum is organized into six instructional areas or tracks. These instructional areas are not departments but represent bodies of knowledge, skills, and attitudes grouped together to achieve an organization format reflecting the educational and practice requirements in dentistry. The six instructional areas are (1) **Biologic Sciences**, (2) **Oral Medicine**, (3) **Surgery**, (4) **Restorative Dentistry**, (5) **Dental Ecology**, and (6) **Developmental Dentistry**.

The **Biologic Sciences Track** is divided into core basic sciences (gross anatomy, microscopic anatomy, physiology, biochemistry, microbiology, pharmacology), the Oral Biology program, and the Biological Sciences Laboratory Experiences. The core basic sciences are largely presented within the first and second years, while the Oral Biology program spans the entire four years of the program with a

planned progression from the elementary to the more complicated and more specialized functions of the oral cavity. The primary objective of the Oral Biology program is to integrate basic science material into the clinical dental curriculum. Oral Biology includes such areas as mastication, speech, physiology of occlusion, dental and pulpal histology, and many other topics directly pertinent to the modern practice of dentistry. Laboratory teaching excludes the conventional type of laboratory experience; instead, during the second year students devote all laboratory time to a single discipline of their own selection.

Clinical experience begins in the first year of the curriculum on a limited basis. Time in the clinic increases throughout the second year and by the spring of the second year occupies a major portion of the student's time. An attempt is made to make this transition logical and to relate biologic sciences to clinical science as much as possible.

The **Oral Medicine Track** contains the nonsurgical and nonrestorative aspects of clinical dentistry. Specifically, these are diagnosis and treatment planning, radiology, preventive dentistry, general and oral pathology.

The **Surgery Track** includes the knowledge and skills in general principles of surgery, oral surgery, periodontics, endodontics, and pain control. Once the foundation is firmly established through an integrated core, the departments branch into their individual specialty considerations.

The **Restorative Dentistry Track** is concerned with the technical skills and judgments required in the restoration and replacement of teeth. A preclinical basic technique course is closely correlated with dental materials science. All restorative technique courses are conducted by an interdepartmental staff to facilitate coordination of the program and understanding among the faculty. Removable prosthodontics is taught as a combination clinic/laboratory course with emphasis on those clinical procedures actually performed by the dentist and student evaluation of those procedures performed by dental laboratory technicians.

The **Dental Ecology Track** deals with the relationships of the dentist to society. One aspect deals with the professional, social, behavioral, political, and personal relationship to the health services delivery system. This includes dental auxiliary utilization, community dentistry, hospital dentistry, the behavioral sciences, practice administration, and dental care of special groups of patients. Student involvement in the latter programs permit broadening of his/her experience through practice of dentistry at extramural sites, including general hospital settings, nursing homes, VA hospitals, community hospitals, the prison system, mental institutions, correctional youth facilities, county health departments, and, during a special summer extern program, private practice settings. All students spend at least six weeks of time in these extramural settings. In addition, when students complete their clinical requirements, a total elective program may be designed such that for the last several months before graduation a student may be involved in a program entirely of his/her own design. This may involve activities at the dental school or at a far distant location.

The **Developmental Dentistry Track** includes: facial growth; dental, psychological, and occlusal development; diagnosis of developmentally related problems; preclinical and clinical dentistry for children; diagnosis and treatment of occlusal related pathology; and the maintenance of optimal occlusion in adults. Instruction and clinical experience begin during the first year of dental school and total pa-

tient care of child and adult patients begins in the second year. Students gain experience diagnosing and treating orthodontic, pedodontic, and occlusion-related patients.

The School has a selective-elective format for elective courses. Ten credit hours of electives are required. Third- and fourth-year students are eligible to take electives, and once the ten-hour requirements have been met, the selective-elective program becomes entirely elective.

In addition to the traditional didactic examinations, many of the clinical departments are initiating competency type examinations. Once competency has been established, students are encouraged to seek further experience, but evaluation is in terms of feedback only, with reduced emphasis on grades. Although the majority of the didactic material is on a traditional grading scale, some is pass/fail. A strong attempt is made to provide feedback to the students in all types of evaluation.

Research is encouraged throughout the dental curriculum. A privately funded summer research fellowship experience is available to a limited number of students.

A fully equipped Learning Resource Center is located within the dental school. In addition to a production facility, a learning laboratory is available for student use of self-pacing autotutorial material. Several types of slide tape equipment are available, as well as videotape and traditional TV facilities.

## **JOINT DEGREE PROGRAMS**

Interested students are encouraged to pursue combined degree programs. A combined DDS/MPH degree program is in operation at this time as well as a DDS/Ph.D. program. Although the Ph.D. degree has been limited to basic science areas, for an interested student a joint program with a Ph.D. in a behavioral science is also possible. Similarly, Master's level programs in other areas are also available. Master's degree programs will usually require one or one and a half additional years of study; doctors' degree programs, at least two additional years.

### **Dental Curriculum<sup>1</sup>**

#### **First Year<sup>2</sup>**

<b>Subject</b>	<b>Semester Hours</b>		
	<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
Biochemistry 101fs . . . . .	2	1	
Dental Ecology 102fsx . . . . .	1	1	1
Physiology 103fs . . . . .	1	2	
Developmental Dentistry 104fsx . . . . .	1	1	2
Gross Anatomy 105fs . . . . .	3	2	
Oral Biology 108fs . . . . .	2	1	
Dental Material Sciences 109f . . . . .	2		
Oral Medicine 110fsx . . . . .	2	3	4
Microscopic Anatomy 111fs . . . . .	2	1	
Intro Microbiology 112s . . . . .		2	
Basic Dental Technique 115f . . . . .	6		
Dental Science I 116sx . . . . .		6	2
<b>Totals</b>	<b>22</b>	<b>20</b>	<b>9</b>

1. This curriculum is subject to change at any time upon approval of the faculty and administration.

**Second Year<sup>2</sup>**

Subject	Semester Hours		
	Fall	Spring	Summer
Dental Science III 119fs.....	3	3	
Oral Medicine 120fsx.....	5	2	5
Oral Biology 121fx.....	1		1
Dental Science II 122a.....	2		
Dental Science II 122b.....		4	
Pharmacology 123f.....	3		
Biologic Sci. Lab. 124s.....		4	
Surgery 125fsx.....	2	2	2
Dental Ecology 126fs.....	1	2	
C1 Oral Medicine 127fsx.....	2	1	1
C1 Restorative Dentistry 128fsx.....	0	1	1
C1 Surgery 129x.....			1
Developmental Dentistry II 204fx.....	2		1
C1 Developmental Dentistry 214fsx.....	0	0	1
TX Planning 209x.....			1
Fixed Prosthodontics 211x.....			1
<b>Totals</b>	<b>21</b>	<b>19</b>	<b>15</b>

**Third Year<sup>3</sup>**

Subject	Semester Hours		
	Fall	Spring	Summer <sup>4</sup>
Oral Biology 131fs.....	2	2	
Surgery 132f.....	4		
Oral Medicine 133fs.....	1	2	
Dental Ecology 134fs.....	1	2	
C1 Surgery 135fsx.....	2	2	1
C1 Rest. Dent. 136fsx.....	2	2	1
C1 Oral Medicine 137fsx.....	2	2	1
C1 Dental Ecology 138s.....		2	
Developmental Dentistry III 304f.....	4		
Dental Treatment Planning 309fs.....	1	1	
Fixed Prosthodontics, Didactic 311fs.....	1	1	
Removable Prosthodontics 312s.....		1	
C1 Developmental Dentistry 314fsx.....	0	0	1
<b>Totals</b>	<b>20</b>	<b>17</b>	<b>4</b>
Electives	Var.	Var.	

**Fourth Year<sup>5</sup>**

Subject	Semester Hours	
	Fall	Spring
Oral Medicine IV 140f.....	2	
Oral Biology 141f.....	1	
Surgery 142f.....	2	
C1 Surgery 145fs.....	2	2
C1 Restorative 146fs.....	4	4
C1 Oral Medicine 147fs.....	1	1
C1 Dental Ecology 148fs.....	3	1
Developmental Dentistry IV 143f.....	1	
C1 Developmental Dentistry 144fs.....	2	2
<b>Totals</b>	<b>18</b>	<b>10</b>
Electives	Var.	Var.

2. The first- and second-year curriculum includes fall and spring semesters and an 8-week summer session.

3. In addition to the courses listed, the student must earn a minimum of three credit hours in approved electives.

4. The third year curriculum includes fall and spring and a 5-week summer session.

5. A minimum of ten credit hours must be earned in the third and fourth years in approved elective courses.

**GRADUATE PROGRAMS IN THE SCHOOL OF DENTISTRY**

**Objectives and Teaching Aims**

Graduate instruction is offered in Endodontics, Orthodontics, Pedodontics, Periodontology, Prosthodontics (Fixed and Removable), Oral and Maxillofacial Surgery, Oral Biology, Oral Radiology and Dental Auxiliary Teacher Education (DATE).

The objective is to make available to qualified individuals a graduate program of instruction of the highest order. While the instruction generally is accomplished by members of the faculty of the School of Dentistry, or the Division of Health Sciences including the staff of The North Carolina Memorial Hospital, such members of the faculty also have appointments in the Graduate School. Instruction is in complete accord with the discipline, standards, and objectives of the Graduate School.

The Curriculum and course material are designed to prepare dentists for specialty practice meeting the requirements for certification by the American Boards.

**Admission**

Admission to the Graduate School is accomplished only after the application, transcripts of prior college work, Graduate Record Examination Scores, and other credentials are reviewed and approved by the appropriate committees. Enrollment for the study of all programs will normally be granted only at the beginning of the fall session.

In order that priority for admission may be established, and so assure appropriate and controlled enrollment for each class, an applicant must deposit the sum of \$100<sup>6</sup> within 15 days of the date of notification of acceptance. If the applicant presents himself for registration, the deposit will be credited to his account, otherwise, the deposit will be forfeited, except in prolonged or serious illness which prevents the candidate from attending school as attested to by his physician. If the applicant is eligible for the benefits under the G.I. Bill, the Business Office will refund this deposit upon registration in the Dental School and proper certification from the Veterans Administration.

It is the policy of this School and University not to discriminate on the basis of race, color, national origin, religion, sex, age, or handicap with regard to its students, employees, or applicants for admission or employment.

**Registration**

Registration, as noted in the Calendar of Events, will be accomplished as indicated in the Calendar of Events for Graduate Programs in the School of Dentistry. Fees and tuition to be paid at time of registration.

**DENTAL GRADUATE EXPENSES**

**ESTIMATED EXPENSES<sup>7</sup>**

Tuition and Fees <sup>8</sup>		
Semester . . . . .	\$ 796.00	(Residents)
	2,015.00	(Nonresidents)
Summer Session . . . . .	354.50	(Residents)
	1,004.50	(Nonresidents)
Malpractice Insurance . . . . .	124.00	

**Scholarships, Fellowships, and Student Loans**

Under the Board of Governors general Minority Presence Grant Program, black students may be eligible for special financial assistance if they are residents of North Carolina, enrolled for at least three hours of degree credit coursework, and demonstrate financial need.

6. A deposit to the Cashier of the University of \$100 is required at the time the letter of acceptance is issued.

7. Additional expenses of \$500.00-\$1,000.00 should be anticipated for instruments, supplies and textbooks.

8. Includes matriculation, professional library fee, student activities, student union fee, Spurgeon Dental Society Fees, and dental equipment usage fee. Tuition and expenses are based on 1984-85 figures and are subject to change.

Graduate students may secure loans from funds available to the University on the same basis as undergraduate students.

Federal and University funds are awarded and administered in compliance with Title IX regulations pertaining to sex and without discrimination based on race.

See Appendix B for a listing of financial aid sources.

### **Requirements for Degree and/or Certificate**

The Graduate School offers the Master of Science Degree in Endodontics, Orthodontics, Pedodontics, Periodontology, Prosthodontics, Oral and Maxillofacial Surgery, Oral Radiology, Dental Auxiliary Teacher Education, and other announced curriculums.

The student who is interested primarily in the clinical practice of a specialty, and who desires to qualify for the specialty board, may elect to register in the Graduate School to work toward a Certificate of training in the specialty. The courses in general are the same as in the curriculum for the Master's degree with the exception that a research problem and thesis are not required.

### **Facilities**

The clinical, laboratory, library, and hospital facilities have been described in previous sections of this catalog. The University of North Carolina Dental Research Center provides additional opportunities for graduate students to work with seasoned investigators in significant fields of dental research.

For further description of these programs of study see the Graduate School Record of The University of North Carolina at Chapel Hill or write the Office of Admissions, School of Dentistry, The University of North Carolina at Chapel Hill, North Carolina 27514.



Dental Research Building

**DENTAL  
AUXILIARY  
PROGRAMS**

Mrs. Kathleen Morr  
**Dental Hygiene**  
Mrs. Mary George  
**Dental Assisting and  
Dental Auxiliary  
Teacher Education**



**DENTAL AUXILIARY  
PROGRAMS**

**DENTAL HYGIENE**

**Bachelor of  
Science Program**

The University of North Carolina at Chapel Hill has one of the more than 200 accredited programs in the United States for the education of dental hygienists. The School of Dentistry offers a program of study leading to the Bachelor of Science degree in Dental Hygiene. Courses of study provide comprehensive educational experience to qualify individuals for the practice of dental hygiene in accordance with the current and changing demands for health services, and in accordance with the laws and ethics pertaining to practice. The curriculum is administered with the flexibility necessary to accommodate the varying special interests and career goals of individual students. Upon satisfactory completion of the required program of study, the student is eligible for licensure examination at state and national levels, and for application to graduate programs in Dental Hygiene Education, Public Health, and other allied areas.

Students in dental hygiene may live in the residence halls on campus and are under University housing and conduct rules. Students are encouraged to participate in campus activities and organizations such as student government, athletics, music, religion, and art.

**Admissions**

Applications for admission and information concerning entrance requirements may be secured by writing to the Director of Undergraduate Admissions, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27514.

Students may be admitted for dental hygiene study after two years of college work, provided they meet requirements of the University and the Curriculum for Dental Hygiene. Personal interviews are required. To assure proper planning for admission, students should remain a close liaison with the program director.

Enrollment is limited and students are accepted on a competitive basis. Freshman admission to the University does not guarantee admission into the dental hygiene program. Selections are based on scholastic standing, character, personal fitness, and sincere interest in dental hygiene as a professional career. Residents of North Carolina receive preferential consideration for admission. The present policy is to admit 50 students each August. Applicants are notified by the Office of Undergraduate Admissions of their acceptance into the class entering the following fall semester.

It is the policy of this School and University not to discriminate on the basis of race, color, national origin, religion, sex, age, or handicap with regard to its students, employees, or applicants for admission or employment.

**General  
Requirements**

1. A completed application to include:
  - (a.) College transcript from each college attended including summer school, denoting evidence of at least a "C" (2.0 on a 4.0





- system) average on all courses attempted and eligibility to return to all previously attended institutions. Entering students are required to present evidence of satisfactory completion of at least one year of college work in the pre-dental hygiene courses prescribed in the Curriculum section of this catalog.
- (b.) College questionnaire from the Dean responsible for student discipline at each college attended including summer school.
  - (c.) Transcript showing high school units if not listed on the college transcript.
  - (d.) Application fee of \$15 (nonrefundable).
  - (e.) List of courses in progress if currently enrolled.
  - (f.) Any other items requested in the application materials or by the Office of Undergraduate Admissions.
2. Personal interview with a member of the Committee on Admissions.
  3. Dental hygienists who receive certificates for other institutions must meet the additional requirements of:
    - (a.) Evidence of graduation from an accredited dental hygiene program.
    - (b.) Presentation of acceptable scores of the National Board Dental Hygiene Examinations.
  4. Confirmation of acceptance with nonrefundable \$25 enrollment deposit, due within 15 days of the date of notification of acceptance.
  5. Medical reports, properly completed by a physician and a dentist on forms sent with the acceptance letter, must be received in time for official clearance before registration.

## Curriculum

The minimum requirements for the basic professional education of dental hygienists are prescribed by the Commission on Dental Accreditation of the American Dental Association. These basic core courses combined with additional University and School of Dentistry course requirements lead to the Bachelor of Science degree in Dental Hygiene.

Prior to being admitted and enrolled, all students will be required to present evidence of satisfactory completion of the pre-dental hygiene courses prescribed herein, as well as General Education requirements in Basic Skills and Perspectives. The schedule of academic work includes:

**PRE-ADMISSIONS REQUIREMENTS** English 1, 2; mathematics (two courses — preferably including Statistics 11); Chemistry 11-11L, 21-21L or Biochemistry 7, 8; Psychology 10; Sociology 10; Speech 53; Physical Education (2 courses).

**OTHER GENERAL REQUIREMENTS** General Education requirements are consistent with those established by the University. Applicants should refer to the Undergraduate Bulletin for specific requirements in General Education.

**CURRICULUM FOR DENTAL HYGIENE** Anatomy 41; Bacteriology 51 or 55; Biochemistry and Nutrition 40; General Physiology; Dental Anatomy-Physiology; Dental Radiology; Preclinical and Clinical Dental Hygiene (4 courses); Histology and Periodontology; General and Oral Pathology; Dental Pharmacology; Dental Materials and Techniques; Dental Health Education; Community Dental Health; Oral Microbiology; Dental Hygiene Practicum, and at least three courses prescribed for one of the following fields of concentration: Dental Public Health, Gerontology, Hospital Dentistry, Oral Biology, Pedodontics, or Periodontics.

Pre-dental hygiene course work taken at other institutions should be approved in advance by the Office of Undergraduate Admissions. Other questions concerning the program should be directed to: Director of Dental Hygiene, School of Dentistry 209-H, The University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514.

<b>Summary of Estimated Expenses</b>		<b>First Year</b>	<b>Second Year</b>
Tuition and Fees <sup>9</sup> . . . . .		\$866.00	\$866.00
Textbooks, Deposits, and Rentals . . . . .		450.00	225.00
Uniforms, Supplies, and Equipment . . . . .		450.00	225.00
Graduation and Licensure			
Examination fee . . . . .			150.00
Room, Board, and Personal Expenses (including cost of field experience) . . . . .		2,100.00	2,400.00
Total . . . . .		<b>\$3,866.00</b>	<b>\$3,866.00</b>

All tuition and fees are to be paid in full at the time of each registration. Information on financial aid may be secured by writing the dental hygiene office.

**Withdrawals**

Procedures and policies governing withdrawal from the Curriculum for Dental Hygiene comply with the regulations of the University (as cited in the Undergraduate Bulletin). No refunds can be made on used instruments, supplies, and uniforms.

**DENTAL  
AUXILIARY  
TEACHER  
EDUCATION**

**Bachelor of  
Science Program**

The School of Dentistry offers a Bachelor of Science Degree in Dental Auxiliary Teacher Education in cooperation with the College of Arts and Sciences and the School of Education. The prescribed curriculum includes courses in liberal arts, basic sciences, dental sciences, and education providing a comprehensive educational experience to qualify dental auxiliary personnel for careers in teaching.

Graduate dental hygienists, and certified dental assistants are eligible for admission to DATE provided they meet the entrance requirements of the University. Priority for admission will be given to applicants with work experience and those qualifying as juniors. Enrollment is limited and students are accepted on a competitive basis. Selections are based upon scholastic standing, work experience in a dental area, and a demonstrated interest in teaching in a dental auxiliary education program.

Transfer students must complete the courses listed as General College Requirements. Included in the educational block is a practice teaching assignment in a cooperating dental auxiliary program.

A Bachelor of Science Degree in Dental Auxiliary Teacher Education is granted to those who satisfactorily complete the requirements of the curriculum. The length of time required for program completion depends on the academic situation of the individual student. To assure proper planning of courses, students wishing to transfer to the Chapel Hill campus should maintain a close liaison with the Program Director. The University will accept a maximum of sixty-four semester hours of transfer credit (plus physical education activity credit) from a two-year institution. Academic procedures described in the section on Dental Hygiene apply also to the students in DATE.

9. For nonresidents, tuition and fees are approximately \$3,228.00 a year. (Subject to change.)

The estimated cost of tuition, fees, books, housing, and meals is similar to the expenses listed for students in the Curriculum for Dental Hygiene. Information on financial aid and admissions is available by contacting: Director, Dental Auxiliary Teacher Education, The University of North Carolina at Chapel Hill, School of Dentistry, Chapel Hill, N.C. 27514. Information relating to application and entrance requirements may be obtained by writing to the Director of Undergraduate Admissions, The University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514.

It is the policy of this School and University not to discriminate on the basis of race, color, national origin, religion, sex, age, or handicap with regard to its students, employees, or applicants for admission or employment.

### **GENERAL COLLEGE COURSE REQUIREMENTS**

General education requirements are consistent with those established by the University. In addition, the following courses are required: Sociology 51; Speech 53; English 33; Chemistry 11-11L, 21-21L or Biochemistry 7-7L, 8-8L; Psychology 10.

### **DATE Course Requirements**

Basic and Dental Sciences, including Anatomy, Biochemistry (Nutrition), Bacteriology, General Physiology, Dental Anatomy-Physiology, Dental Histopathology, Dental Pharmacology, Community Dentistry are required for the dental hygienist and dental assistant.

Dental hygienists may apply for transfer credit for dental hygiene courses completed in another accredited institution by submitting transcripts and National Dental Hygiene Board scores.

Dental assistants may apply for transfer credit for professional courses completed in another accredited program by submitting transcripts and proof of current certification by the National Board for Certification, American Dental Assistants Association.

DATE required courses include: Current Professional Skills, Clinical and Laboratory Teaching Practicum, Introduction to Dental Auxiliary Education, and six to nine elective credits in the major area. Education requirements include: Psychological Foundations of Education, Audiovisual Instruction (Techniques and Materials), Educational Measurement and Evaluation, Internship Seminar and Practice (Practice Teaching), and one elective.

### **DENTAL ASSISTING**

The School of Dentistry offers a program of study leading to a certification in Dental Assisting. The course of study is well integrated with the various other programs in the School of Dentistry and provides excellent preparation for a satisfying career as a member of the dental health team.

The program is approved by the Commission on Accreditation of the American Dental Association as a fully accredited program. Upon successful completion of the program the student is eligible to take the national certification examination given by the Dental Assisting National Board.

### **Admissions**

Application for admission and information concerning the program may be secured by writing to the Office of Admissions, School of Dentistry, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27514. Graduates of an accredited high school regardless of race, color, national origin, religion, sex, age, or handicap may apply. Selections are based on scholastic standing.

**General Requirements**

1. A completed application to include:
  - a. high school transcript of all courses completed denoting evidence of a "C" (2.0 on a 4.0 system) average. Courses should include at least one biology and general science course.
  - b. list of courses presently in progress.
  - c. college transcripts, if applicable.
  - d. an admission's interview.
2. Confirmation of acceptance with nonrefundable \$25.00 enrollment fee. This fee will be applied toward tuition fee.
3. Medical and dental reports, properly completed by a physician and a dentist on forms sent with the acceptance letter.

**Curriculum**

The curriculum consists of courses in general studies including Communication and Human Behavior, and Basic Science including Microbiology, Dental and Head & Neck Anatomy, general anatomy and Physiology, Pathology, Nutrition, and Pharmacology. Clinical science courses include Office Emergencies, Dental Materials, Pre-clinical and Clinical Procedures, Preventive Dentistry, and Office Management.

**Summary of Estimated Expenses**

Educational Fees	\$ 350.00
Textbooks	155.00
Certification Examination Fee	50.00
Student Association Membership	20.00
Infirmary Fee	158.00
Uniforms	150.00
Dental Spurgeon Society Fee	12.00
Student Activity Fee	33.00
Athletic Association Fee	50.00
Materials Fee	15.00
Room, Board, and Personal Expenses	3,500.00
	\$4,493.00

All educational fees\* are to be paid at the time of registration. Information on financial aid may be secured by writing to the Student Aid Office, 300 Vance Hall (057A), UNC-CH, Chapel Hill, N.C. 27514.

**ACADEMIC PROCEDURES FOR STUDENTS IN AUXILIARY PROGRAMS**

In publishing these regulations, the School of Dentistry does not recognize any implied contract as having validity beyond the succeeding academic year. The faculty reserves the right to make changes in curricula and in regulations when in its judgment such changes are for the best interest of the students and the school. Ordinarily a student may expect to receive a certificate or a degree by meeting the requirements of a curriculum as specified in the catalog currently in force at the time of entrance, or in any one subsequent catalog published during enrollment; but the school is not obligated to fulfill this expectation or to offer in any particular year a course listed in the catalog.

Each student is responsible for observing the procedures, regulations, and requirements of the University as they are announced here and in other official University publications.

Regulations governing class attendance, final examinations, special examinations, and credit by examination are described here and in other official University publications.

**Grading System**

Passing grades are A (Highest level of attainment), B (High level of attainment), C (Adequate level of attainment), D (Minimal passing level of attainment), and PS (Passing grade for course using Pass-Fail grading). Pluses and minuses may be assigned to grades of B, C, and

\*Tuition and fees are subject to change without notice.

only minus to grade A, plus to grade D. Pluses and minuses will be recorded on the student's academic record and will be weighted in accordance with the University's quality point system. The abbreviations, IN (work incomplete), and AB (absent from examination) indicate that the grade F will be recorded in accordance with University regulations. An Incomplete which is not removed within eight weeks of the beginning of the regularly scheduled semester (fall or spring) following its assignment converts to an IN/F. An excused AB converts to AB/F unless the examination is taken by close of the next regularly scheduled semester after receiving AB.

## **Academic Performance**

The academic status of each student is reviewed at the end of each term by an Academic Performance Committee. This committee is charged with applying academic regulations.

A student who receives the grade F in any two courses in a year is academically ineligible to continue the program. For re-registration a student must apply for re-admission and must be accepted by the appropriate Committee on Admissions.

A student who receives grades below C in more than one-half of the current semester hours will be placed on probation for the subsequent semester. To permit continued enrollment in a program, probationary status must be removed in the following semester by presenting at least an overall 2.0 (C) average for the semester's work.

The faculty further reserves the right to recommend the dismissal or the reclassification of a student in a program at the end of any semester, provided the student does not in their judgment show sufficient promise to justify continuation of study, regardless of grades. These conditions are described in other sections of this catalog.

In all instances, students must meet programs and University requirements for continued residence and graduation. To qualify for a certificate or an undergraduate degree, a student must complete all stated requirements and must present at least a 2.0 (C) average on all work attempted in the University at Chapel Hill.

## **Appeals**

A student, after conference with the instructor concerned, may present in writing to the Dean of the school an appeal from a course grade or the decision of the Academic Performance Committee. No appeal may be made after the last day of classes of the next succeeding regular term. The Dean will refer the appeal to the Administrative Board of the School of Dentistry. No change of grade or alteration of the Academic Performance Committee's decision will be made except as a result of the Administrative Board's decision, which is final.

Acceptance of the above regulations is assumed with registration.

- CLINICAL FACULTY**
- Jay Arthur Anderson**, B.S., D.D.S., Part-time Clinical Assistant Professor of Oral and Maxillofacial Surgery/Anesthesia
  - Richard Edward Anglin, Jr.**, B.S., D.D.S., M.S., Part-time Clinical Assistant Professor of Endodontics
  - Ray Allen Ashcraft**, B.S., D.D.S., Part-time Adjunct Associate Professor of Dental Ecology
  - Eli John Attayek**, B.S., D.D.S., Part-time Adjunct Assistant Professor of Dental Ecology
  - Ikramuddin Aukhil**, P.P.C., B.D.C., M.S., Assistant Professor of Periodontics
  - Ronald Dale Baker**, D.D.S., M.A., (Ed.), Professor and Chairman of Oral and Maxillofacial Surgery
  - Daniel Hardy Barefoot**, B.S., D.D.S., M.S., Part-time Clinical Instructor of Periodontics
  - Ben D. Barker**, B.S., D.D.S., M.Ed., Dean and Professor of Oral Diagnosis
  - Roger Evans Barton**, D.D.S., Professor and Acting Chairman of Dental Ecology
  - Wanda J. Bass**, C.D.A., Part-time Clinical Instructor of Dental Ecology
  - James Wyatt Bawden**, D.D.S., M.S., Ph.D., Alumni Distinguished Professor of Pedodontics and Acting Assistant Dean for Research
  - Richard Allen Beane, Jr.**, A.B., D.D.S., Part-time Clinical Associate Professor of Orthodontics
  - Joe D. Beasley**, D.D.S., Part-time Adjunct Assistant Professor of Dental Ecology
  - Carolyn Bentley**, B.D.S., Assistant Professor of Oral Diagnosis
  - Howard White Blair**, A.B., D.D.S., Part-time Adjunct Instructor of Dental Ecology
  - Marvin Jerrold Block**, B.S., D.D.S., M.P.H., Associate Professor of Dental Ecology and Adjunct Associate Professor, School of Public Health
  - David Evers Boaz**, B.S., D.D.S., M.A., Clinical Assistant Professor of Oral Diagnosis
  - Harry M. Bohannon**, A.B., D.M.D., M.S.D., Research Professor of Dental Ecology
  - Frederick Allen Booth, Jr.**, B.S., M.S., D.D.S., Part-time Clinical Assistant Professor of Orthodontics
  - Charles Frank Brantley**, B.A., D.D.S., Assistant Professor of Fixed Prosthodontics
  - Hillary Broder**, B.A., M.S., (Ed.), Ph.D., Clinical Assistant Professor of Dental Ecology
  - Benjamin William Brown**, D.D.S., M.S., Part-time Clinical Assistant Professor of Endodontics
  - Therrel Lee Brown**, M.Ed., B.S., Part-time Adjunct Instructor of Dental Ecology

- William B. Brunk**, Part-time Clinical Assistant Professor of Orthodontics
- William D. Brunson, Jr.**, A.B., D.D.S., Assistant Professor of Operative Dentistry
- Donna Cathilene Bryan**, B.S., D.D.S., Part-time Visiting Clinical Instructor of Pedodontics
- George S. Buck**, A.D., D.D.S., Part-time Clinical Assistant Professor of Periodontics
- Ernest Jefferson Burkes, Jr.**, B.S., D.D.S., M.S., Professor and Chairman of Oral Diagnosis/Pathology
- Bruce Burns**, B.A., D.D.S., M.S., Part-time Clinical Assistant Professor of Orthodontics
- Thomas K. Buttler**, B.A., D.D.S., M.S., Part-time Assistant Professor of Endodontics
- Philip Elwood Caldwell**, A.B., D.D.S., Part-time Clinical Assistant Professor of Pedodontics
- Agna Boass Calingaert**, A.B., Ph.D., Research Associate
- Joe Henderson Camp**, A.B., D.D.S., M.S., Part-time Clinical Assistant Professor of Endodontics
- John William Campbell**, B.A., D.D.S., Part-time Adjunct Assistant Professor of Oral and Maxillofacial Surgery
- Reynolds A. Carnevale**, B.S., D.D.S., M.S., Part-time Clinical Associate Professor of Periodontics
- Dexter Gregory Chadwick**, B.S., D.D.S., M.S., Part-time Clinical Assistant Professor of Endodontics
- William Leroy Chambers**, B.S., D.D.S., Part-time Clinical Assistant Professor of Pedodontics
- Dudley C. Chandler, Jr.**, B.A., D.D.S., M.S., Part-time Clinical Assistant Professor of Periodontics
- Dale A. Childers**, B.A., D.D.S., Part-time Clinical Assistant Professor of Oral and Maxillofacial Surgery
- Herman Bryan Cobb**, B.S., D.D.S., Part-time Clinical Assistant Professor of Pedodontics
- James C. Coffey, Jr.**, B.A., M.S.P.H., Ph.D., Associate Professor of Oral Biology/Pediatrics/Endodontics/Parasitology and Laboratory Practice
- Donovan E. Compton**, B.S., Clinical Assistant Professor of Dental Ecology and Director of Dental Faculty Practice
- Catherine Mary Cone**, B.S. (D.H.), Part-time Adjunct Instructor of Dental Ecology
- James Beverly Congleton III**, B.S., D.D.S., Part-time Clinical Assistant Professor of Pedodontics
- Charles William Connor, Jr.**, D.D.S., M.S., Part-time Clinical Assistant Professor of Pedodontics
- Richard Thomas Cooke**, D.D.S., M.S., Part-time Clinical Assistant Professor of Periodontics

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- Hugh Jonathan Burford**, B.S., M.S., Ph.D., Associate Professor of  
Pharmacology and Teaching Associate in Basic Medical Science
- John D. Butts**, A.B., M.D., Assistant Professor of Pathology
- Michael Caplow**, D.D.S., Ph.D., Professor of Biochemistry
- Charles Noel Carney**, A.B., M.D., Associate Professor of Pathology
- Jerjang Chang**, D.V.M., M.S., Ph.D., Assistant Professor of Pathology
- John F. Chapman**, B.A., M.S., M.P.H., Ph.D., Assistant Professor of  
Pathology
- David Chou**, B.S. M.D., Assistant Professor of Pathology
- Emily Stacy Clark**, Ph.D., Professor of Pathology
- Cary Wayne Cooper**, A.B., Ph.D., Professor of Pharmacology and  
Pediatrics
- Herbert Asel Cooper**, M.D., Associate Professor of Pathology
- James Joseph Crawford**, B.A., M.A., Ph.D., Professor of Endodontics  
and Lecturer in Bacteriology and Immunology
- Robert F. Cross**, B.S., M.S., Ph.D., Associate Professor of Pathology
- Frederic Gilbert Dalldorf**, B.S., M.D., Professor of Pathology
- Frederick A. Dombrose**, Ph.D., Assistant Professor of Pathology and  
Research Assistant Professor of Biochemistry and Nutrition
- Duane A. Dreyer**, B.S., Ph.D., Associate Professor of Oral Biology/  
Physiology
- Cora-Jean Edgell**, B.A., M.S., Ph.D., Research Assistant Professor
- Fred Wilson Ellis**, B.S., M.S., M.D., Ph.D., Professor of Pharmacology,  
Emeritus

- Donald T. Forman**, B.S., Ph.D., Professor of Pathology, Biochemistry, and Nutrition
- Dianne Murphy Frazier**, A.B., Ph.D., Adjunct Assistant Professor of Biochemistry
- Joachim Dieter Geratz**, M.D., Professor of Pathology
- George Yancey Gillespie**, A.B., Ph.D., Research Assistant Professor of Surgery and Pathology
- Edward Glassman**, B.A., M.S., Ph.D., Professor of Biochemistry
- Harry Gooder**, B.Sc., Ph.D., F.R.I.C., Professor of Microbiology and Immunology
- John B. Graham**, B.S., M.D., Alumni Distinguished Professor of Pathology
- Joe Wheeler Grisham**, B.A., M.D., Professor and Chair, Department of Pathology, Professor of Medicine
- John E. Hammond**, B.S., M.D., Associate Professor of Pathology, Medicine and Research Associate Professor of Biochemistry and Nutrition
- Philip Francis Hirsch**, B.S., Ph.D., Professor of Pharmacology
- Richard Page Hudson, Jr.**, A.B., M.D., Professor of Pathology
- William Davis Huffines**, B.S., M.D., Professor of Pathology and Associate Dean for Basic Science
- Joseph Logan Irvin**, B.S., Ph.D., Kenan Professor, Department of Biochemistry
- J. Charles Jennette**, A.B., M.D., Assistant Professor of Pathology
- A. Myron Johnson**, A.B., M.D., Associate Professor of Pathology and Pediatrics
- David Gordon Kaufman**, B.A., M.D., Ph.D., Associate Professor of Pathology, and Research Professor of Biochemistry and Nutrition
- John Stephen Kizer**, A.B., M.D., Associate Professor of Pharmacology and Medicine
- David G. Klapper**, B.S., M.S., Ph.D., Assistant Professor of Bacteriology and Immunology
- Martin Ross Krigman**, A.B., M.D., Professor of Pathology
- William J. Kuhns**, B.S., M.D., Professor of Pathology
- Robert Dana Langdell**, M.D., Professor of Pathology
- Barry R. Lentz**, B.A., Ph.D., Associate Professor of Biochemistry
- Roger L. Lundblad**, B.S., Ph.D., Professor of Biochemistry/Pathology/Periodontics
- Richard B. Mailman**, B.S., M.S., Ph.D., Research Associate Professor of Psychiatry/Pharmacology and Research Scientist, Child Development, Biological Service
- Nadia Najla Malouf**, B.S. M.D., Associate Professor of Pathology

**George Philip Manire**, B.S., M.S., Ph.D., Kenan Professor and Professor of Department of Bacteriology and Immunology; Dean and Vice Chancellor, The Graduate School

**Betty Fuller Maxwell**, B.A., Instructor in Bacteriology and Immunology

**Harvey Edward Mayberry**, B.S., Ph.D., Assistant Professor of Anatomy

**Arthur J. McBay**, B.S., M.S., Ph.D., Professor of Pathology

**Jan M. McDonagh**, B.S., Ph.D., Associate Professor of Pathology and Biochemistry and Nutrition

**William W. McLendon**, A.B., M.D., Professor of Pathology

**Gerald L. Mechanic**, B.S., M.S., Ph.D., Professor of Biochemistry and Periodontics

**David T. Miller**, A.B., Ph.D., M.D., Assistant Professor of Pathology

**David E. Millhorn**, B.S., M.Sc., Ph.D., Assistant Professor of Physiology

**Royce Lee Montgomery**, B.A., M.S., Ph.D., Associate Professor of Anatomy

**Nicholas G. Moss**, B.Sc., Ph.D., Research Assistant Professor of Physiology

**Paul Mushak**, B.S., Ph.D., Associate Professor of Pathology

**Shihadeh Nayfeh**, B.Sc., M.S., Ph.D., Associate Professor of Biochemistry and Pediatrics

**William Henry Pearlman**, B.S., Ph.D., Professor of Pharmacology

**Tai-Chan Peng**, M.D., Associate Professor of Pharmacology

**James R. Pick**, D.V.M., Professor of Pathology

**Robert L. Reddick**, A.B., M.S., M.D., Assistant Professor of Pathology

**Howard M. Reisner**, B.S., Ph.D., Assistant Professor of Pathology

**Dennis W. Ross**, B.A., M.D., Ph.D., Associate Professor of Pathology

**Robert Willhoite Sealock**, B.S., Ph.D., Assistant Professor of Physiology

**Richard W. Shermer**, B.S., M.D., Associate Professor of Pathology

**Lawrence M. Silverman**, B.A., Ph.D., Assistant Professor of Pathology

**Myron Simeon Silverman**, B.S., M.D., Ph.D., Professor of Periodontics

**William Ringgold Straughn, Jr.**, B.S., M.S., Ph.D., Emeritus Professor of Bacteriology and Immunology

**Walter Erich Stumpf**, M.D., Ph.D., Professor of Anatomy and Pharmacology

**Richard R. Tidwell**, B.A., Ph.D., Assistant Professor of Pathology

**Michael D. Topal**, B.A., Ph.D., Assistant Professor of Pathology and Biochemistry and Nutrition

**Svein Uheim Toverud**, D.M.D., Dr. Odont., Professor of Pharmacology  
and Professor of Oral Diagnosis

**Robert Howell Wagner**, A.B., Ph.D., Professor of Pathology and Bio-  
chemistry and Nutrition

**David Hughes Walker**, A.B., M.D., Associate Professor of Pathology

**William Philip Webster**, B.S., D.D.S., M.S., Professor of Pathology  
and Dental Ecology

**John Eric Wilson**, B.S., M.S., Ph.D., Professor of Biochemistry

## APPENDIX A

### Burden of Proof and Statutory Prima Facie Evidence

The student has the burden of establishing facts which justify his or her classification as a resident for tuition purposes. The balancing of all the evidence must produce a preponderance of evidence supporting the assertion of in-state residence. Under the statute proof of resident status is controlled initially by one of two evidentiary beginning points which are stated in terms of prima facie evidence.

a. Even if the student is an adult, if his or her parents (or court-appointed guardian in the case of some minors) are not legal residents of North Carolina, this is prima facie evidence that the student is not a legal resident of North Carolina unless the student has lived in this state the five consecutive years prior to enrolling or reregistering. To overcome this prima facie showing of nonresidence, the student must produce evidence that he or she is a North Carolina domiciliary despite the parents' nonresident status.

b. Conversely, if the parents of the student are domiciliaries of North Carolina under the Statute, this fact constitutes prima facie evidence that the student is a domiciliary of North Carolina. This prima facie evidence may also be overcome by other evidence of legal residence. If the student has neither living parents nor legal guardian, the prescribed prima facie evidence rule cannot and does not apply.

### Statutory Exceptions

a. **Grace Period.** If a student has been properly classified as a resident for tuition purposes and, thereafter, his or her state of legal residence changes, the student does not automatically lose the benefit of the in-state tuition rate immediately. Instead the statute provides for a grace period if the following conditions are satisfied:

1. The student must have been properly classified as a resident for tuition purposes, on the basis of a valid finding that the student in fact was a legal resident of North Carolina and had been such for the requisite twelve-month period prior to classification;

2. At the time of subsequent change of legal residence to a state other than North Carolina, the student must have been enrolled in a public institution of higher education in North Carolina.

The extent of this grace period (during which the in-state rate is applicable in spite of the fact that the student is not a legal resident of North Carolina) is twelve months from the date of change in legal residence plus any portion of a semester or academic term remaining, as of the expiration date of the twelve-month period, in which the student is enrolled.

b. **Qualifying Periods for Spouses.** By virtue of the provisions of G.S. 116-143.1, if a student otherwise can demonstrate compliance with the fundamental statutory requirement that he or she be a legal resident of North Carolina before the beginning of the term for which resident status is sought, the second statutory requirement relating to duration of residence may be satisfied derivatively in less than twelve months, by reference to the length of the legal residence of the student's spouse, if the spouse has been a legal resident of the State for the requisite twelve-month period.

c. **Reacquisition of Resident Tuition Status.** The prescribed twelve-month period of legal residence may also be shortened if the person seeking to be classified as a resident for tuition purposes was formerly classified a North Carolina resident for tuition purposes, abandoned North Carolina domicile, and re-established North Carolina domicile within twelve months after abandoning it. Students should consult their admissions offices for a detailed explanation of the conditions which must be met to qualify under this section.

**Married Persons.** The domicile of a married person, irrespective of sex, is determined by reference to all relevant evidence of domiciliary intent. No person is precluded, solely by reason of marriage to a person domiciled outside of North Carolina, from establishing or maintaining legal residence in North Carolina. No person is deemed, solely

by reason of marriage to a person domiciled in North Carolina, to have established or maintained a legal residence in North Carolina. The fact of marriage and the place of the domicile of his or her spouse are deemed relevant evidence to be considered in ascertaining domiciliary intent.

**Minors.** A minor is any person who has not reached the age of eighteen years. The domicile of a minor is presumed under the common law to be that of the father, subject to rebutting evidence. If the father is deceased, the domicile of the minor is that of the surviving mother. If the parents are divorced or legally separated, the domicile of the minor is that of the parent having custody by virtue of a court order; or, if no custody has been granted by virtue of court order, the domicile of the minor is that of the parent with whom he or she lives; or, if the minor lives with neither parent, in the absence of a custody award, the domicile of the minor is presumed to remain that of the father. If the minor lives for part of the year with each parent, in the absence of a custody award, the minor's domicile is presumed to remain that of the father.

In determining residence status for tuition purposes, there are two exceptions to the above provisions:

1. If a minor's parents are divorced, separated, or otherwise living apart and one parent is a legal resident of North Carolina, during the time period when the parent is entitled to claim, and does claim, the minor as a dependent on the North Carolina individual income tax return, the minor is deemed to be a legal resident of North Carolina for tuition purposes, notwithstanding any judicially determined custody award with respect to the minor.

If, immediately prior to his or her eighteenth birthday, a person would have been deemed to be a North Carolina legal resident under this provision but he or she achieves majority before enrolling in an institution of higher education, that person will not lose the benefit of this provision if the following conditions are met:

- a. Upon achieving majority the person must act, as much as possible, in a manner consistent with bona fide legal residence in North Carolina; and

- b. The person must begin enrollment at an institution of higher education not later than the fall academic term next following completion of education prerequisite to admission at the institution.

2. If, immediately prior to beginning an enrolled term, the minor has lived in North Carolina for five or more consecutive years in the home of an adult relative (other than a parent) who is a legal resident of North Carolina, and if the adult relative, during those years, has functioned as a de facto guardian of the minor, then the minor is considered a legal resident of North Carolina for tuition purposes. If a minor qualified for resident status for tuition purposes under this provision immediately prior to his or her eighteenth birthday, then, upon becoming eighteen, he or she will be deemed to be a legal resident of North Carolina of at least twelve months' duration.

Even though a person is a minor, under certain circumstances the person may be treated by the law as being sufficiently independent from his or her parents as to enjoy a species of adulthood for legal purposes. If the minor marries or obtains a judicial decree of emancipation under N.C. Gen. Stat. 7A-717, *et seq.*, he or she is emancipated. The consequence, for present purposes, of such emancipation is that the affected person is presumed to be capable of establishing a domicile independent of that of the parents; it remains for that person to demonstrate that a separate domicile in fact has been established.

**Aliens.** Aliens who are permanent residents of the U.S., or who hold a visa which will permit eventual permanent residence in the U.S., are subject to the same considerations with respect to determination of legal residence as citizens. An alien abiding in the United States under a visa conditioned at least in part upon intent not to abandon a foreign domicile (B, F, H, and J visas) cannot be classified a resident. An alien abiding in the United States under a visa issued for a purpose which is so restricted as to be fundamentally incompatible with an assertion by the alien of bona fide intent to establish a legal residence (C, D, and M visas) cannot be classified a resident.

Possession of certain other immigration documents may also allow an alien to be considered for in-state tuition status. For more details aliens should consult their admissions offices and the *Manual*. Aliens must file a Residence Status Supplemental Form in addition to the forms normally required of applicants for resident status for tuition purposes.

**Military Personnel.** The domicile of a person employed by the Federal Government is not necessarily affected by assignment in or reassignment out of North Carolina. Such a person may establish domicile by the usual requirements of residential act plus intent. No person loses his or her in-state resident status solely by serving in the armed forces outside of the State of North Carolina.

**Prisoners.** There are special provisions concerning domicile of prisoners. For more information, persons to whom these provisions may apply should consult the *Manual*.

**Property and Taxes.** Ownership of property in or payment of taxes to the State of North Carolina apart from legal residence will not qualify one for the in-state tuition rate.

**Change of Status.** A student admitted to initial enrollment in an institution (or permitted to re-enroll following an absence from the institutional program which involved a formal withdrawal from enrollment) is classified by the admitting institution either as a resident or as a nonresident for tuition purposes prior to actual matriculation. In the absence of a current and final determination of the student's residence prior to matriculation, the student is classified a nonresident for tuition purposes. The institution will thereafter reach a final determination of the student's residence status. A residence classification once assigned (and confirmed pursuant to any appellate process invoked) may be changed thereafter (with a corresponding change in billing rates) only at intervals corresponding with the established primary divisions of the academic calendar.

**Transfer Students.** When a student transfers from one North Carolina public institution of higher education to another, he or she is required to be treated as a new student by the institution to which he or she is transferring and must be assigned an initial residence classification for tuition purposes.

The transfer into or admission to a different component of the same institution (e.g., from an undergraduate to a graduate or professional program) is not construed as a transfer from one institution to another and thus does not by itself require a reclassification inquiry unless (1) the affected student requests a reclassification inquiry or (2) the transfer or enrollment occurs following the lapse of more than one quarter, semester, or term during which the individual was not enrolled as a student.

**Responsibility of Students.** Any student or prospective student in doubt concerning his or her residence status bears the responsibility for securing a ruling by completing an application for resident status and filing it with the admissions officer. The student who, due to subsequent events, becomes eligible for a change in classification, whether from out-of-state to in-state or the reverse, has the responsibility of immediately informing the Office of Admissions of these circumstances in writing. Failure to give complete and correct information regarding residence constitutes grounds for disciplinary action.

It is the responsibility of the student to pay tuition at the rate charged and billed while an appeal is pending. In effect, the student who is classified as a nonresident at the time of tuition billing pays the nonresident rate. Conversely, if a student is classified as a resident at the time of billing, he or she pays the resident rate. Any necessary adjustments in the rate paid will be made at the conclusion of the appeal.

If a student, who has been found to be a nonresident for tuition purposes, receives an erroneous notice from an institutional officer identifying the student as a resident for tuition purposes, the student is not responsible for paying the out-of-state tuition differential for any enrolled term beginning before the classifying institution notifies the student that the prior notice was erroneous.

If a student is classified a resident for tuition purposes after submitting falsified residency information or after knowingly withholding residency information, the student's application for in-state tuition status is fraudulent. The institution may re-examine any application suspected of being fraudulent, and, if warranted, will change the student's residence status retroactively to the beginning of the term with respect to which the student originally made the fraudulent application. If this occurs the student must pay the out-of-state tuition differential for all the enrolled terms intervening between the fraudulent application and its discovery. Further, knowing falsification of responses on a resident status application may subject the applicant to disciplinary consequences, including dismissal from the institution.

**Appeals of Rulings of Admissions Officers.** A student appeal of a classification decision made by any admissions officer must be in writing and signed by the student and must be filed by the student with that officer within fifteen working days after the student receives notice of the classification decision. The appeal is transmitted to the Residence Status Committee by that officer, who does not vote in that committee on the disposition of such appeal. The student is notified of the date set for consideration of the appeal, and, on request of the student, he or she is afforded the opportunity to appear and be heard by the Committee. Any student desiring to appeal a decision of the Residence Status Committee must give notice in writing of that fact, within ten days of receipt by the student of the Committee's decision, to the Chairman of the Residence Status Committee, and the Chairman promptly processes the appeal for transmittal to the State Residence Committee.

*Students or prospective students who believe that they are entitled to be classified residents for tuition purposes should be aware that the processing of requests and appeals can take a considerable amount of time and that applications for classification should not be delayed until registration, when the number of applications makes accelerated handling impossible.*

**APPENDIX B**

**National Health  
Scholarship Program**

The NHS Scholarship Program is a competitive, support-for-service Federal program for U.S. citizens enrolled or accepted for enrollment full time in a U.S. school of medicine, osteopathy, or dentistry.

Scholarship benefits are not subject to Federal taxation. These benefits will include:

- a \$530 monthly stipend for student living expenses;
- an additional amount for all other reasonable educational expenses;
- payment to the school of tuition and required fees.

Support will be continued up to a 4-year maximum or until graduation as long as eligibility is maintained and funds are available.

For each year of scholarship support recipients are obligated to serve one year in the full-time clinical practice of their profession assigned to designated health manpower shortage areas. The minimum service obligation required is 2 years. During the period of obligated service, recipients are employed by the National Health Service Corps, a component of the U.S. Public Health Service.

Application request deadline: March 1983  
Address: NHS Scholarships  
Center Bldg., Rm. 5-44  
3700 East-West Highway  
Hyattsville, Maryland 20782

**N.C. Department of  
Human Resources  
Educational Loan  
Program**

The purpose of the Educational Loan Program is to encourage medical and health-relating professionals to practice their specialties in communities of limited population and specified health programs in North Carolina in which there is an urgent need.

Participants are awarded \$6,000 per academic year and may be renewed each year of enrollment. The recipient agrees upon completion of the required training to practice in North Carolina a full calendar year for each academic year or fraction thereof a loan is received.

Earliest application request: December 1  
Application deadline: March 1  
Address: N.C. Dept. of Human Resources  
437 N. Harrington St.  
P.O. Box 12200  
Raleigh, N.C. 27605

**Exceptional Need  
Scholarship**

A program begun by the federal government in 1978 which provides financial support for first-year dental students who have exceptional financial need. The scholarship pays for all tuition and fees, instruments and supplies, and a \$6,360 stipend. Further information may be obtained by writing to Public Health Service Scholarship Program, Student Assistance Staff, Room 5-50, Federal Center Building 2, 3700 East-West Highway, Hyattsville, Maryland 20782.

**Insured Student  
Loan Program**

Loans may be approved up to a maximum of \$5,000 per year, with interest at 9 percent. Applications may be obtained from an agency in the State in which you are a legal resident.

Application deadline: July 1  
Address for N.C. students: College Foundation, Inc.  
1307 Glenwood Avenue  
Raleigh, N.C. 27605

**Health Professions  
Student Loan  
Program**

Maximum loan of \$2,500 plus tuition per year, with interest at 9 percent. University Student Aid application required.

Application deadline: March 1

**National Direct  
Student Loan**

Available to students in the D.D.S. Program at 4 percent interest. University Student Aid application required.

Application deadline: March 1

**W.K. Kellogg  
Foundation**

A loan fund for undergraduate dental students, with interest not to exceed 2½ percent while still enrolled in school. University Student Aid application required.

Application deadline: March 1

**Student Loan  
Guarantee Program**

This loan is available to all dental students as a "last resort" source of funding. Loans up to \$5,000 per year are available with interest to reflect market conditions on a regional basis and may be changed from time to time to maintain an adequate rate of return to the lending community. Interest on the loan must be paid from the time the loan is made until the debt is repaid in full. This program is a cooperative effort by professional schools. The Robert Wood Johnson Foundation, United Student Aid Funds, Inc., and participating lending institutions. Application may be obtained in the Admission Office.

Address: United Student Aid Funds, Inc.  
6610 N. Tacoma Ave.  
Indianapolis, Indiana 46250

**American Fund for  
Dental Health  
Minority  
Scholarship  
Program**

Scholarships are available to American Indians, Blacks, Mexican-Americans, and Puerto Ricans who are beginning their first year in a dental program. The scholarship may be renewed for the second year of dental study. The scholarship maximum is \$2,500 per year and \$5,500 for any one student.

Application deadline: May 1  
Address: American Fund for Dental Health  
211 E. Chicago Ave.  
P.O. Box 7749-A  
Chicago, Ill. 60680

**American  
Association of  
University Women  
Fellowship**

Eligible are women in their final year of professional training who show promise of distinction in their field. Financial need is considered in determining the amount of the award. Awards average \$3,500 for the academic year and applications must be filed during the Junior year.

Application deadline: January 2\*  
Address: AAUW Fellowships Office  
2401 Virginia Ave., N.W.  
Washington, D.C. 20037

\*Applications must be requested by November 15.

**The Diuguid  
Fellowships**

A one-year stipend for women over 21 years old, legal residents of the southern United States, who can demonstrate financial need, and who have been forced by marriage or other reasons to defer their career goals. Applications may be requested only from July 15 through November 15. Stipends will range up to a maximum of \$8,000 for the academic year, depending upon the needs of the recipient.

Application deadline: January 1  
Address: The Diuguid Fellowships  
Sociology Bldg.  
Emory University  
Atlanta, Ga. 30322

**Association of  
American Women  
Dentists**

Maximum loan of \$1,500 with 3 percent interest available to junior or senior women dental students.

Address: Association of American  
Women Dentists  
17th Floor  
435 North Michigan Avenue  
Chicago, Ill. 60611

**G. Randolph and  
Ann Babcock  
Fellowship**

Fellowship may be awarded to an individual interested in academic dentistry and research. The recipient will have completed clinical training in a dental specialty or an advanced education program. Selection is made by a committee designated by the Dental Foundation of North Carolina, Inc.

**International College  
of Dentists  
(USA Section)  
Student Loan Fund**

A loan fund for senior dental students, to be repaid within 3 years after graduation. A short-term emergency type loan may also be awarded from this fund, but only to senior students. Maximum loan of \$300 with customary interest.

**UNC Board of  
Governors Dental  
Scholarship Program**

A program which provides support for all tuition fees, instruments and supplies, and a \$4,000 stipend for each scholarship recipient. Five (5) scholars are selected from each entering class. The scholarship is renewable after each year thereby providing support for the entire 4-year program. Minority and disadvantaged North Carolina residents are eligible to be recipients of this award and those who have the greatest potential to provide needed dental care in North Carolina are the most competitive.

**Emanuel Sternberger  
Education Fund**

A loan fund to aid N.C. residents of any age worthy of help without regard to their sex, race, creed or religious beliefs. Interest free loans are available up to \$500 per year and may be renewed each year, provided satisfactory grades are maintained.

Address: 623 Jefferson Bldg.  
Greensboro, N.C. 27401

Specific information is forwarded to each student accepted for admission to the School of Dentistry. General information is available through the Student Aid Office, 300 Vance Hall, The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27514.

The following funds are some of the resources which help support the Student Aid Program for the School of Dentistry:

Harriet L. Higley Memorial Fund  
William Getz Dental Student Fund  
Thompson Dental Company Student Fund  
First, Third, and Fifth District Society Funds  
U.N.C. Dental Alumni Scholarship Fund  
North Carolina Dental Society Dental Fund

The American Fund for Dental Education Dental Student Fund  
Charlotte Dental Auxiliary Student Fund  
W.K. Kellogg Foundation Dental Fund  
Adelaide Fortune Holderness Student Loan Fund  
The Sallie A. Hunt Dental Memorial Fund  
Woodward-Fleming Fund  
Z. Vance and Vaiden B. Kendrick Student Fund  
John F. Hartness, Sr. Student Fund  
Walter E. Furr Scholarship Fund  
The Blanche C. Downie Memorial Fund  
The Dental Foundation of North Carolina, Inc. Fund  
North Carolina Dental Auxiliary Student Fund  
John C. Brauer Dental Student Fund  
Robert Wood Johnson Foundation Fund  
Colgate-Palmolive Company Grant  
Cosby-Crest Fund

**Other Resources**

Many other sources of assistance are available from federal, state, church, and private agencies or foundations. These are not specifically for dental students and are administered directly between the individual and the agency or foundation involved. Too numerous to list here, information regarding such resources may be requested from the Student Aid Office.









**CALENDAR OF  
EVENTS\***

**Fall Semester, 1984**

Registration/Orientation . . . . . Wednesday-Friday, August 22-24  
First Day of Classes . . . . . Monday, August 27  
Holiday, Labor Day . . . . . Monday, September 3  
University Day (Clinics and Lab remain open)  
Friday, October 12, 10 A.M.-1 P.M.  
Thanksgiving Recess Begins . . . . . Wednesday, November 21, 1 P.M.  
Instruction Resumes . . . . . Monday, November 26, 8 A.M.  
Dental Seminar Day . . . . . Friday, December 7  
Last Day of Classes . . . . . Friday, December 7, 10 A.M.  
Final Exams . . . . . Monday, December 10-Tuesday, December 18

**Spring Semester, 1985**

First Day of Classes . . . . . Monday, January 7  
Spring Recess Begins . . . . . Friday, March 1, 5 P.M.  
Instruction Resumes . . . . . Monday, March 11, 8 A.M.  
Holiday, Easter Monday . . . . . Monday, April 8  
Last Day of Classes . . . . . Friday, April 26  
Final Exams . . . . . Monday, April 29-Tuesday, May 7  
Commencement . . . . . Sunday, May 12

**Summer Session, 1985**

First Day of Classes . . . . . Monday, May 13  
Holiday, Memorial Day . . . . . Monday, May 27  
Last Day of Classes for Third Year Students . . . . . Friday, June 14  
Holiday, Independence Day . . . . . Thursday, July 4  
Last Day of Classes for First and  
Second Year Students . . . . . Friday, July 5  
Final Exams  
First Year Students . . . . . Monday-Tuesday, July 8-9  
Second Year Students . . . . . Wednesday-Thursday, July 10-11

\*This calendar subject to change.

